

A nighttime cityscape, likely Singapore, with the Petronas Twin Towers prominently featured. The scene is overlaid with a digital network of glowing lines and nodes in various colors (blue, purple, pink, white). A large, semi-transparent blue arc is visible in the upper right corner. The overall aesthetic is futuristic and technological.

PRODUCT QUICK GUIDE
**CCTV PROJECT
PRODUCTS**

2021 H2

HIKVISION[®]

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DORI Distance

DEEP LEARNING

Deep Learning is the new buzzword in science and technology.

A technology with innumerable applications, Deep Learning is beginning to influence many aspects of our lives. When it comes to the field of video & image analytics, Deep Learning applications have grown rapidly in recent years, benefiting from sophisticated algorithms based on neural networks. Now, Hikvision's DeepinView Series Cameras and DeepinMind Series NVRs and Servers will lead the way in this new world of security technology by making invisible intelligence visible for users, and then putting that intelligence to good use.

And what can Hikvision's Deep Learning products do? Facial Detection is only the beginning. With analytics that take business solutions into the next century, and with automated alarm accuracy above 90%, this technology is a step above and beyond video security as we know it.

Hikvision's Deep Learning technology filters insignificant objects and movements in a scene that would trigger conventional alarm systems. Vehicle data gets recorded and shapes the database to perform numerous security functions. People Counting systems give businesses an edge in marketing and conversion rates.

Across the board, Hikvision's Deep Learning Solutions are adding value on multiple levels – today and tomorrow.



Facial Recognition



Vehicle Identification



Human & Vehicle
Classification (AcuSense)



People Counting



Hard Hat Detection



More



ULTRA-LOW LIGHT

DarkFighter & DarkFighterX

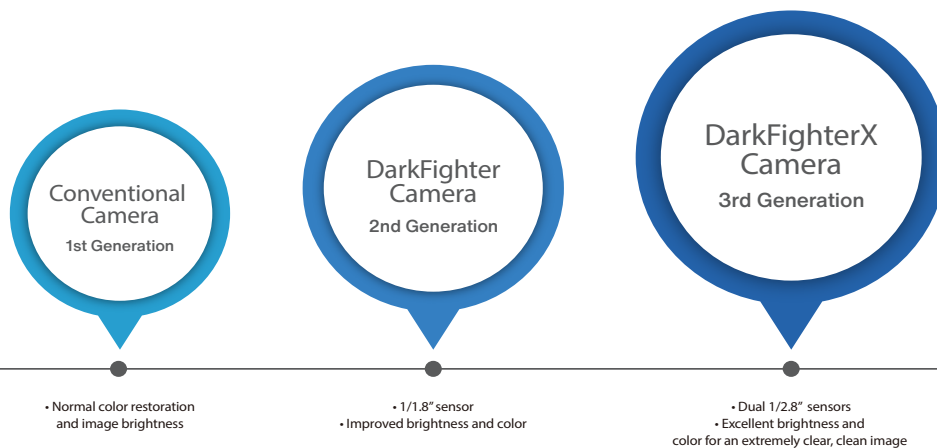
With the deepening of security awareness and the building boom of safe cities, high-quality video security has become a basic requirement. Since night hours make up almost half of the security recording, and since most crime happens at night, improving low-light video quality is the most critical problem in the video security industry today.

DarkFighter – Stunning color video in near darkness

Featuring a large HD progressive scan CMOS sensor, Hikvision's DarkFighter Technology captures excellent color imaging in extremely dark environments – even down to 0.002 lux – and automatically switches to monochrome by removing the IR filter to boost sensitivity when illumination is lower than 0.002 lux. All the while, DarkFighter maintains superlative image quality.

DarkFighterX – Dual-sensor imaging for full color images

DarkFighterX's technology is based on the retinal imaging that human eyes use to process color and brightness. This human-like technology features an innovative dual-sensor design – one sensor for IR imaging that guarantees image brightness, the other sensor for visible light that guarantees vivid color. These signals are then combined into one bright, full-color image.



**INCREDIBLE NIGHT VISION
NOW
AT AN INCREDIBLE DISCOUNT !**



**Get our market-proven DarkFighterX PTZ Cameras
At an Extremely Affordable price!**

DarkFighterX

HIKVISION ACUSENSE TECHNOLOGY

A sense of safety is one of the most basic human needs, and that goes for both personal and property safety. And this is exactly why people install security systems in their homes and businesses.

Compared to conventional sensor-based alarm systems, a video-based security system that utilizes cameras has several advantages: the ability to watch events in real-time over the live feed, capture critical data around those events, and provide solid and accurate evidence for law enforcement.

AcuSense technology adds a touch of intelligence to Hikvision's popular cameras and video recorders, making them perfect for an accessible and intelligent security system. Based on deep learning technology, AcuSense helps you focus on human and vehicle events in two ways: alarms will only trigger when the preset type of intrusion takes place, and video footage is sorted by target-type categories for easier searching through recorded footage.

Select camera models equipped with AcuSense technology and the Live Guard function feature a strobe light and audio alarm, serving as virtual security guards to ward off trespassers and protect users from potential threats. Video footage is classified into human and vehicle categories for quick search and retrieval whenever needed.

Sophisticated, highly effective, and affordable, the AcuSense solution provides SMB owners and operators an intelligent and easy-to-use protection system for their property and assets, while helping resellers build a uniquely competitive go-to-market proposition.

AcuSense
Technology

Hikvision
AcuSense
Technology

The Easy
Upgrade

to



FOCUS
and
ACT



The logo for ColorVu Technology, featuring the word "ColorVu" in a multi-colored font (C: blue, o: orange, l: green, o: red, r: purple, V: yellow, u: cyan) and "Technology" in a smaller, grey font below it, all set against a dark blue, irregular shape.A graphic showing a clock face with "24 Hours" written inside, followed by a multiplication sign and "7 Colorful Imaging". The "24" is in yellow, "Hours" is in white, and "7 Colorful Imaging" is in green.

View in color,
Even in darkness

HIKVISION COLORVU TECHNOLOGY

Darkness provides cover for theft, trespassing, and other crimes. When incidents occur at night, dim, low-quality images from conventional cameras miss or lose critical details. Cameras with infrared LEDs are able to provide extra light for clearer image, but in black-and-white.

But now, imagine capturing vivid, colorful details – such as the color of people's clothing or of a car – even in total darkness. Hikvision ColorVu Technology makes this possible.

Hikvision ColorVu Technology enables front-end products to capture details in low light with three advantages: advanced hardware, superior ISP algorithm, and reliable quality control. ColorVu technology employs two specific breakthroughs in hardware technology: advanced lenses and powerful sensors. These lenses reach up to F1.0, allowing more light to enter and thereby increasing image brightness. Next, high-sensitivity sensors vastly improve the utilization of that light. The frontier ISP algorithm realizes precise color rendition to produce accurate colorful images. Moreover, active alignment technology guarantees the focusing performance of lenses in the mass production of ultra-high definition ColorVu products, resulting in superlative quality control.

Extreme light conditions are also taken into consideration in the design process. Some cameras are equipped with warm, natural-looking supplemental lighting. This way, when there is no light source whatsoever – even starlight or street lights – they can guarantee colorful imaging. For most scenes, the environmental light is bright enough for ColorVu cameras to render vivid color without supplemental lighting.

The ColorVu Technology logo, featuring the word "ColorVu" in a multi-colored font (C: blue, o: orange, l: green, o: red, r: purple, V: yellow, u: cyan) and "Technology" in a smaller, grey font below it.

HIKVISION HEATPRO VCA2.0

Any object with a temperature above absolute zero emits a detectable amount of infra-red (IR) radiation. Taking advantage of the differences in IR intensity between objects, thermal cameras make the invisible IR “visible” in the form of heat zone images. Therefore, thermal cameras “see” from different distances under virtually any light or weather condition, distinguishing people and vehicles from other objects.

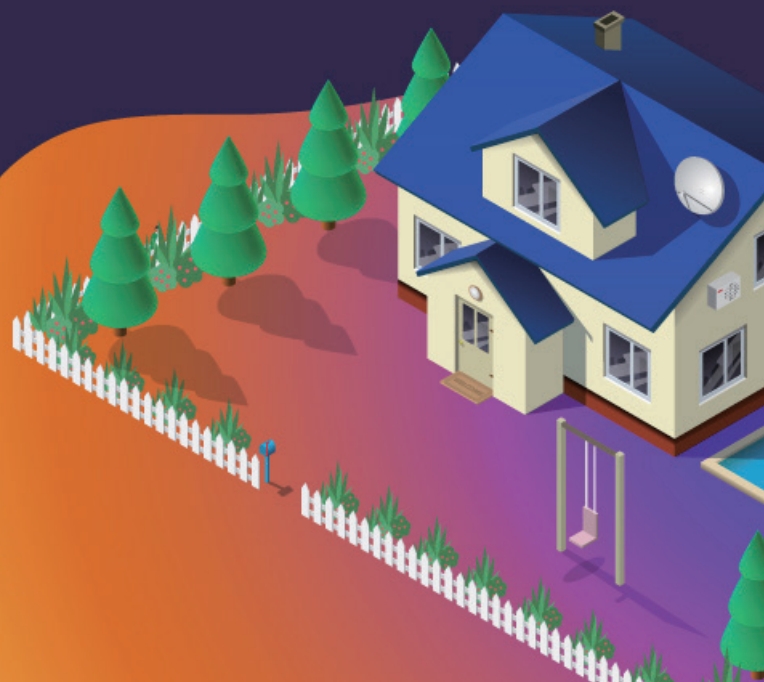
The image reproduction of thermal cameras is not affected by lighting conditions - either extremely low light or even no light at all. And compared with imaging with visible light, thermal cameras are much less impacted by weather conditions such as fog, smog, rain and snow, so that they can work in virtually any environment, anytime.

HeatPro series thermal camera adopts VCA2.0 to produce reliable alarms for users. VCA 2.0 is an intelligent video content analysis technology based on deep learning algorithms, which detects targets and classifies them into human, vehicle and filters the others. With the 3-steps configuration, users can easily set up VCA rules to detect actions such as line crossing, intrusion, region entrance, and region exit with high accuracy.

Hikvision’s HeatPro series Bi-spectrum thermal cameras, comprised of turrets and bullets, provide professional protection with AI-enabled human/vehicles detection and classification, accurate temperature measurement for fire prevention and real-time visual and audible alarms. The cameras hit the target for cost and performance with a variety of applications in apartments, construction sites, warehouses, industrial parks, stores and more.

The logo for HeatPro, with 'Heat' in a colorful gradient font and 'Pro' in a white outline font, set against a shield-like background.

Hikvision HeatPro Series Thermal Cameras
Professional Protection Made Simple





LIGHTFIGHTER

140 dB WDR

Hikvision is set to reach new heights in extremely high contrast imaging with the ultra-high 140 dB WDR “LightFighter” technology for exceptional, industry-leading visibility in brightly lit or high-contrast environments. The result of this cutting-edge advancement is crystal-clear, detail-rich images with true color reproduction in lighting conditions that would defeat conventional WDR technology.

The key to the performance of the LightFighter technology is the industry-leading WDR system that allows cameras to record greater scene details even where the intensity of illumination varies considerably, such as backlighting when very dark and very bright areas appear simultaneously in the field of view. The 140 dB WDR in the LightFighter offers 100 times more powerful enhancement than the conventional 120 dB WDR systems.

LightFighter is particularly suited to intense backlight situations, and is the ideal technology for cameras pointing towards windows and entrance doors.

4K

With the development of 4K technology quickly coming into focus, opportunities to use this technology in security will continue to grow. As a leading IoT solution provider with video as its core competency, Hikvision has paid close attention to the rise of 4K and has launched a total 4K system to harness this technology in the global security industry.

Without complementary 4K components, such as monitors and NVRs, 4K cameras cannot be used to their full potential, and therefore have little practical use in security applications.

By building a total system – complete with cameras, NVRs, etc. – Hikvision strives to provide a system that is more helpful and more useful to its customers. The Hikvision 4K system, which comes equipped with a variety of smart functions, satisfies the security industry's need for advanced analytics with ultra-high resolution video.

Recently, Hikvision has released an 8K camera which monitors large scenes over long distances. This one camera does the work that once required several cameras, thus reducing installation and maintenance costs.



Network Camera

002 DeepinView Series

008 Ultra Series

027 Special Series




DeepinView Series Network Cameras

Deeper Intelligence for Expansive Security



- › High performance and intelligent products with Deep Learning algorithms and high performance GPU
- › The 2nd-generation DeepinView Series supports multiple algorithms in one device for a variety of scenarios. Additionally, it integrates multiple lenses to simultaneously capture sharp details and the big picture for extensive situational awareness.
- › People counting, dual-lens people counting, multi-target-type detection, ANPR, vehicle appearance analysis, hard hat detection, facial recognition, perimeter protection, and queue management.
- › DeepinView Series products are edge nodes in the AI Cloud architecture, focusing on multidimensional data collection and front-end intelligent processing.








9 series






Model	IDS-2PT9A144MXS-D/T2(1352/6)
Image	 DeepinView
Image Sensor	1/1.8" progressive scan CMOS
Max. Resolution	2560 × 1440
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
Min. Illumination	Panoramic Camera: Color: 0.002 Lux@(F1.0, AGC ON) Tracking PTZ Camera: Color: 0.0035 Lux@(F1.6, AGC ON)
WDR	120 dB
Lens	Panoramic Camera:6mm Tracking PTZ Camera:13mm to 52mm
FOV	Panoramic Camera:Horizontal FOV 54° Tracking PTZ Camera: Horizontal FOV 32° to 8°
Max. IR Range	40m
VCA	Multi-Target-Type Detection, Face Capture, Face Comparison
Frame Rate	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3
Protection Level	IP66
Angle Adjustment	Pan: 0° to 210°, tilt: -15° to 22°
Operating Temperature	Outdoor: -40°C to 70°C (-40°F to 158°F)
Humidity	≤ 90%
Local Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC (up to 256 GB)
Indoor/Outdoor	Outdoor
Audio I/O	1-ch audio input and 1-ch audio output
Alarm I/O	1-ch alarm input and 1-ch alarm output, support alarm linkage: Memory Card Recording/Alarm Output/Notify Surveillance Center/Upload to FTP/Send Email
Power	36 VDC ± 25%, two core terminal block

8 series



Model	IDS-2CD8C4660-XZS(11-40/4)	IDS-2CD8C4660P-XZS(10-50/4)
Image	 DeepinView	 DeepinView
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	2560 × 1440	2560 × 1440
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/ custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/ custom stream: H.265/H.264/MJPEG
Min. Illumination	Color: 0.0001 Lux @ (F1.4, AGC ON), 0 Lux with IR	Color: 0.0002 Lux @ (F1.2, AGC ON), 0 Lux with IR
WDR	120 dB	120 dB
Lens	11 to 40 mm and 4mm	10 to 50 mm and 4mm
FOV	Motorized lens, 11 to 40 mm Horizontal FOV 37° to 11.5°, vertical FOV 20.2° to 6.5°, diagonal FOV 43.2° to 13.2° 4mm Horizontal FOV 89°, vertical FOV 46.5°	Motorized lens, 10 to 50 mm Horizontal FOV 39.9° to 9.5°, vertical FOV 22.0° to 5.3°, diagonal FOV 46.3° to 10.9° 4mm Horizontal FOV 160°, vertical FOV 48°
Max. IR Range	80m	80m
VCA	Deep-learning-based algorithm: Face Capture, Face Recognition Traditional algorithm: Motion detection, video tampering alarm, exception, Face Detection	Deep-learning-based algorithm: Face Capture, Face Recognition, multi-target-detection, Face de-duplication Traditional algorithm: Motion detection, video tampering alarm, exception, Face Detection
Frame Rate	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	5	5
Protection Level	IP67	IP66
Angle Adjustment	-	-
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Support Micro SD/SDHC/ SDXC card (256G) local storage	Support Micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR
Indoor/Outdoor	-	-
Audio I/O	2 input (line in, 3.5 mm), 1 output (line out, 3.5 mm)	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm)
Alarm I/O	3 inputs, 2 outputs (max. 24 VDC or 24VDC, 1 A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)
Power	24 VAC	24 VAC



Model	IDS-2CD702660-[AP]	IDS-2CD704660-[AP]/[F11]	IDS-2CD708660-AP	IDS-2CD70C560-AP	IDS-2CD712660-IZS	IDS-2CD714660-IZS	
Image	 DeepinView	 DeepinView	 DeepinView	 DeepinView	 DeepinView	 DeepinView	
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	
Max. Resolution	1920 × 1080	2560 × 1440	3840 × 2160	4000 × 3000	1920 × 1080	2560 × 1440	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	
Min. Illumination	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON)	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON)	Color: 0.002 Lux @ (F1.2, AGC ON); B/W: 0.0002 Lux @ (F1.2, AGC ON)	Color: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	
WDR	140 dB	140 dB	120 dB	DWDR	140 dB	140 dB	
Lens	CS mount	CS mount	CS mount	CS mount	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	
FOV	-	-	-	-	2.8 to 12 mm, horizontal FOV: 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV: 141.1° to 48° 8 to 32 mm, horizontal FOV: 42.5° to 15.1°, vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3°	2.8 to 12 mm, horizontal FOV: 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV: 141.1° to 48° 8 to 32 mm, horizontal FOV: 42.5° to 15.1°, vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3°	
Max. IR Range	-	-	-	-	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	
VCA	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management, Face Counting, Hard Hat Detection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management, Face Counting, Hard Hat Detection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management, Face Counting, Hard Hat Detection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management, Face Counting, Hard Hat Detection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management, Face Counting, Hard Hat Detection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management, Face Counting, Hard Hat Detection Traditional algorithm: Motion detection, video tampering alarm, exception	
Frame Rate	50 Hz: 50 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 60 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 50 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 60 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 50Hz: 20fps (4000 × 3000); 60Hz: 20fps (4000 × 3000)	50 Hz: 50 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 60 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 50 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 60 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	
Streams	5	5	5	5+5	5	5	
Protection Level	-	-	-	-	IK10	IK10	
Angle Adjustment	-	-	-	-	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F).	-30 °C to 60 °C (-22 °F to 140 °F).	-30 °C to 60 °C (-22 °F to 140 °F).	-30 °C to 60 °C (-22 °F to 140 °F).	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	
Humidity	95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	
Indoor/Outdoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	
Audio I/O	1 input (line in), 1 output (line out), 3.5 mm connector, 1 built-in microphone	1 input (line in), 1 output (line out), 3.5 mm connector, 1 built-in microphone	1 input (line in), 1 output (line out), 3.5 mm connector, 1 built-in microphone	1 inputs (line in), 1 output (line out), 3.5 mm connector, 1 built-in microphone	1 input (line in), 3.5 mm connector; 1 output (line out), 3.5 mm connector, mono sound, 1 built-in microphone	1 input (line in), 3.5 mm connector; 1 output (line out), 3.5 mm connector, 1 built-in microphone	
Alarm I/O	2 inputs, 2 outputs (max. 24 VDC, 1A)	2 inputs, 2 outputs (max. 24 VDC, 1A)	2 inputs, 2 outputs (max. 24 VDC, 1A)	2 inputs, 2 outputs (max. 24 VDC, 1A)	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)	
Power	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 4	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 2 Class 4	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 2 Class 4

Model	IDS-2CD718660-IZS	IDS-2CD71C560-IZS	IDS-2CD752660-IZHS(Y)	IDS-2CD754660-IZHS(Y)	IDS-2CD758660-IZHS(Y)
Image	 DeepinView NEW	 DeepinView NEW	 DeepinView NEW	 DeepinView HOT NEW	 DeepinView NEW
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	3840 × 2160	4000 × 3000	1920 × 1080	2560 × 1440	3840 × 2160
Video Compression	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/ Fifth stream/custom stream: H.265/H.264/ MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/ Fifth stream/custom stream: H.265/H.264/ MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/ Fifth stream/custom stream: H.265/H.264/ MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/ Fifth stream/custom stream: H.265/H.264/ MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/ Fifth stream/custom stream: H.265/H.264/ MJPEG
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON); B/W: 0.0002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.2, AGC ON); B/W: 0.0002 Lux @ (F1.2, AGC ON), 0 Lux with IR
WDR	120 dB	DWDR	140 dB	140 dB	120 dB
Lens	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm
FOV	2.8 to 12 mm, horizontal FOV 112.3° to 41.2°, vertical FOV 58° to 23.1°, diagonal FOV 137.3° to 47.3° 8 to 32 mm, horizontal FOV 41.8° to 14.9°, vertical FOV 22.92° to 8.48°, diagonal FOV 48.7° to 17°	2.8 to 12 mm, horizontal FOV 96° to 46.2°, vertical FOV 69.2° to 27.2°, diagonal FOV 131° to 45.2° 8 to 32 mm, horizontal FOV 37.8° to 13.6°, vertical FOV 27.8° to 10.3°, diagonal FOV 48.6° to 17.4°	2.8 to 12 mm, horizontal FOV: 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV: 141.1° to 48° 8 to 32 mm, horizontal FOV: 42.5° to 15.1°, vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3°	2.8 to 12 mm, horizontal FOV 114.5° to 41.8°, vertical FOV 59.3° to 23.6°, diagonal FOV 141.1° to 48° 8 to 32 mm, horizontal FOV 42.5° to 15.1°, vertical FOV 23.3° to 8.64°, diagonal FOV 49.6° to 17.3°	2.8 to 12 mm, horizontal FOV 112.3° to 41.2°, vertical FOV 58° to 23.1°, diagonal FOV 137.3° to 47.3° 8 to 32 mm, horizontal FOV 41.8° to 14.9°, vertical FOV 22.9° to 8.48°, diagonal FOV 48.7° to 17°
Max. IR Range	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m
VCA	Deep-learning-based algorithm: Multi- target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi- target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi- target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi- target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi- target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception
Frame Rate	50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 50Hz: 20fps (4000 × 3000) 60Hz: 20fps (4000 × 3000)	50 Hz: 50 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 60 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 50 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 60 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	5	5+5	5	5	5
Protection Level	IK10	IK10	IP67,IK10	IP67,IK10	IP67,IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Indoor	Indoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 input (line in), 3.5 mm connector,; 1 output (line out), 3.5 mm connector, mono sound, 1 built-in microphone	1 input (line in), 3.5 mm connector,; 1 output (line out), 3.5 mm connector, mono sound, 1 built-in microphone	1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, 2 built- in microphones	1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, 2 built- in microphones	1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, 2 built- in microphones
Alarm I/O	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)
Power	12 VDC ± 20%, two-core terminal block, 24 VAC ± 20%, two-core terminal block, PoE: 802.3af, Type 2 Class 4	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	With -Y: 12 VDC ± 20%, three-core terminal block; 24 VAC ± 20%, three-core terminal block; PoE: 802.3af, Type 2, Class 4 Without -Y: 12 VDC ± 20%, two-core terminal block; 24 VAC ± 20%, two-core terminal block; PoE: 802.3af, Type 2, Class 4	With -Y: 12 VDC ± 20%, three-core terminal block; 24 VAC ± 20%, three-core terminal block; PoE: 802.3af, Type 2, Class 4 Without -Y: 12 VDC ± 20%, two-core terminal block; 24 VAC ± 20%, two-core terminal block; PoE: 802.3af, Type 2, Class 4	With -Y: 12 VDC ± 20%, three-core terminal block; 24 VAC ± 20%, three-core terminal block; PoE: 802.3af, Type 2, Class 4 Without -Y: 12 VDC ± 20%, two-core terminal block; 24 VAC ± 20%, two-core terminal block; PoE: 802.3af, Type 2, Class 4

Model	IDS-2CD75C560-IZHS(Y)(R)	IDS-2CD7A2660-IZHS(Y)	IDS-2CD7A4660-IZHS(Y)	IDS-2CD7A8660-IZHS(Y)	IDS-2CD7AC560-IZHS(Y)(R)
Image	 DeepinView	 DeepinView	 DeepinView	 DeepinView	 DeepinView
Image Sensor	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
Max. Resolution	4000 × 3000	1920 × 1080	2560 × 1440	3840 × 2160	4000 × 3000
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG
Min. Illumination	Color: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.2, AGC ON); B/W: 0.0002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)
WDR	DWDR	140 dB	140 dB	120 dB	DWDR
Lens	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm
FOV	2.8 to 12 mm, horizontal FOV 96° to 46.2°, vertical FOV 69.2° to 27.2°, diagonal FOV 131° to 45.2° 8 to 32 mm, horizontal FOV 37.8° to 13.6°, vertical FOV 27.8° to 10.3°, diagonal FOV 48.6° to 17.4°	2.8 to 12 mm, horizontal FOV: 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV: 141.1° to 48° 8 to 32 mm, horizontal FOV: 42.5° to 15.1°, vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3°	2.8 to 12 mm, horizontal FOV: 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV: 141.1° to 48° 8 to 32 mm, horizontal FOV: 42.5° to 15.1°, vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3	2.8 to 12 mm, horizontal FOV: 112.3° to 41.2°, vertical FOV: 58° to 23.1°, diagonal FOV: 137.3° to 47.3° 8 to 32 mm, horizontal FOV: 41.8° to 14.9°, vertical FOV: 22.92° to 8.48°, diagonal FOV: 48.7° to 17°	2.8 to 12 mm, horizontal FOV: 96.2° to 36.4°, vertical FOV: 69.3° to 27.2°, diagonal FOV: 129.4° to 45.5° 8 to 32 mm, horizontal FOV: 40.2° to 14.4°, vertical FOV: 29.6° to 10.8°, diagonal FOV: 51.47° to 17.8°
Max. IR Range	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 50 m 8 to 32 mm: 80 m	2.8 to 12 mm: 50 m 8 to 32 mm: 80 m	2.8 to 12 mm: 50 m 8 to 32 mm: 80 m	2.8 to 12 mm: 50 m 8 to 32 mm: 80 m
VCA	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception
Frame Rate	50 Hz: 25 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 50 Hz: 20 fps (4000 × 3000) 60 Hz: 20 fps (4000 × 3000)	50 Hz: 50 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 60 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 50 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 60 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 50 Hz: 20 fps (4000 × 3000) 60 Hz: 20 fps (4000 × 3000)	50 Hz: 25 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 50 Hz: 20 fps (4000 × 3000) 60 Hz: 20 fps (4000 × 3000)
Streams	5+5	5	5	5	5+5
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-40 °C to 60 °C (-22 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-22 °F to 140 °F)
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	With -R: 2 built-in microphone Without -R: 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	Without -Y: not support With -Y: 1 input (line in), 1 output (line out), 3.5 mm connector	Without -Y: not support With -Y: 1 input (line in), 1 output (line out), 3.5 mm connector	Without -Y: not support With -Y: 1 input (line in), 1 output (line out), 3.5 mm connector	With -R: not support with -IZHSY 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound
Alarm I/O	1 input, 1 output (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)
Power	12 VDC ± 20%, 10 to 48 VDC, two-core terminal block, reverse polarity protection; 24 VAC ± 20%, 15 to 36 VDC; PoE: 802.3at, Type 1, Class 4	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4

Model	ids-2CD704660/E-IHSY/(F11)(R)	ids-2CD70C560/E-IHSY(R)	ids-2CD7A2660/P-IZHSY(Y)	ids-2CD7A4660/P-IZHSY(Y)	ids-2CD702660/EP-IHSY
Image	DeepinView	DeepinView	(ANPR) DeepinView	(ANPR) DeepinView	(ANPR) DeepinView
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	2560 × 1440	4000 × 3000	1920 × 1080	2688 × 1520	1920 × 1080
Video Compression	Main stream: H.265+/H.265/H.264+/H.264/Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/third stream/fourth stream/fifth stream/custom stream: H.265/H.264/MJPEG
Min. Illumination	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.4, AGC ON); B/W: 0.0002 Lux @ (F1.4, AGC ON)	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR
WDR	140 dB	DWDR	140 dB	140 dB	140 dB
Lens	CS mount	CS mount	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	CS mount
FOV	3.8 to 16 mm, horizontal FOV: 109.1° to 29.6°, vertical FOV: 61.3° to 16.8°, diagonal FOV: 125.1° to 33.9° 11 to 40 mm, horizontal FOV: 39.1° to 12.1°, vertical FOV: 21.4° to 6.8°, diagonal FOV: 45.8° to 13.9°	3.8 to 16 mm, horizontal FOV: 103.5° to 28.1°, vertical FOV: 77.3° to 21.1°, diagonal FOV: 129.3° to 35.0° 11 to 40 mm, horizontal FOV: 36.9° to 11.5°, vertical FOV: 27.1° to 8.6°, diagonal FOV: 47.5° to 14.4°	2.8 to 12 mm, horizontal FOV: 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV: 141.1° to 48° 8 to 32 mm, horizontal FOV: 42.5° to 15.1°, vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3°	2.8 to 12 mm, horizontal FOV: 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV: 141.1° to 48° 8 to 32 mm, horizontal FOV: 42.5° to 15.1°, vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3°	3.8 to 16 mm, horizontal FOV: 109.1° to 29.6°, vertical FOV: 61.3° to 16.8°, diagonal FOV: 125.1° to 33.9° 11 to 40 mm, horizontal FOV: 39.1° to 12.1°, vertical FOV: 21.4° to 6.8°, diagonal FOV: 45.8° to 13.9°
Max. IR Range	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m	2.8-12mm:50m 8-32mm:100m	2.8-12mm:50m 8-32mm:100m	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m
VCA	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Premier Protection, Road Traffic and Vehicle Detection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Premier Protection, Road Traffic and Vehicle Detection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Premier Protection, Road Traffic and Vehicle Detection Traditional algorithm: Motion detection, video tampering alarm, exception
Frame Rate	50 Hz: 50 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 60 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 50 Hz: 20 fps (4000 × 3000) 60 Hz: 20 fps (4000 × 3000)	50 Hz: 25 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 50 Hz: 20 fps (4000 × 3000) 60 Hz: 20 fps (4000 × 3000)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)
Streams	5	5+5	5	5	5
Protection Level	IP66, IK10	IP66, IK10	IP67, IK10	IP67, IK10	IP66, IK10
Angle Adjustment	-	-	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	-
Operating Temperature	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 60 °C (-40 °F to 140 °F).	-40 °C to 60 °C (-40 °F to 140 °F).	-40 °C to 65 °C (-40 °F to 149 °F)
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	With -R: not support Without -R: 1 input (line in), 1 output (line out), 3.5 mm connector, 2 channels	With -R: not support Without -R: 1 input (line in), 1 output (line out), 3.5 mm connector	Without -Y: not support with -Y 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	Without -Y: not support with -Y 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	1 inputs (line in), 1 output (line out), 3.5 mm connector
Alarm I/O	2 inputs, 2 outputs (max. 24 VDC, 1 A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)	2 inputs, 2 outputs (max. 24 VDC, 1A)
Power	With F11: 24 VDC ± 20%, three-core terminal block 24 VAC ± 20%, three-core terminal block PoE: 802.3bt, Type3, Class 5 Without /F11: 24 VDC ± 20%, three-core terminal block 24 VAC ± 20%, three-core terminal block PoE: 802.3bt, Type3, Class 5	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3bt, Type3, Class 5	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, three-core terminal block, 24 VAC ± 20%; three-core terminal block, PoE: 802.3bt, Type3, Class 5





Model	IDS-2CD7046G0/EP-IHSY	IDS-2CD7A4560-IZ(H)SY
Image	 NEW ANPR DeepinView	 HOT NEW DeepinView
Image Sensor	1/1.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Max. Resolution	2688 x 1520	2688 x 1520
Video Compression	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Fourth stream/Fifth stream: H.265/ H.264/MJPEG Third stream: H.265/H.264
Min. Illumination	Color: 0.002 Lux @ (F1.4, AGC ON); B/W: 0.002 Lux @ (F1.4, AGC ON)	Color: 0.009 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	140 dB	140 dB
Lens	CS mount	4.7 to 118 mm
FOV	3.8 to 16 mm, horizontal FOV: 109.1° to 29.6°, vertical FOV: 61.3° to 16.8°, diagonal FOV: 125.1° to 33.9° 11 to 40 mm, horizontal FOV: 39.1° to 12.1°, vertical FOV: 21.4° to 6.8°, diagonal FOV: 45.8° to 13.9°	4.7 to 118 mm, horizontal FOV 55.8° to 2.8°, vertical FOV 32.3° to 1.6°, diagonal FOV 63° to 3°
Max. IR Range	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m	Up to 200 m
VCA	Deep-learning-based algorithm: Premier Protection, Road Traffic and Vehicle Detection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Premier Protection, Multi-target-type Detection, Face Capture, Face Comparison Traditional algorithm: Motion detection, video tampering alarm, exception, video quality diagnosis, vibration detection
Frame Rate	50Hz: 25fps (2688 x 1520, 2560 x 1440, 1920 x 1080, 1280 x 720) 60Hz: 30fps (2680 x 1520, 2560 x 1440, 1920 x 1080, 1280 x 720)	50 Hz: 25 fps (2688 x 1520, 2560 x 1440, 1920 x 1080, 1280 x 720) 50 fps (2560 x 1440, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (2688 x 1520, 2560 x 1440, 1920 x 1080, 1280 x 720) 60 fps (2560 x 1440, 1920 x 1080, 1280 x 720)
Streams	5	5
Protection Level	IP66, IK10	IP67, IK10
Angle Adjustment	-	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-40 °C to 65 °C (-40 °F to 149 °F)	Without -H: -30 °C to 60 °C (-22 °F to 140 °F) With -H: -40 °C to 60 °C (-40 °F to 140 °F)
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in memory card slot, support microSD/ microSDHC/microSDXC card, up to 256 GB
Indoor/Outdoor	Outdoor	Outdoor
Audio I/O	1 input (line in), 1 output (line out), 3.5 mm connector	1 input (line in), 1 output (line out), 3.5 mm connector
Alarm I/O	2 inputs, 2 outputs (max. 24 VDC, 1 A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)
Power	12 VDC ± 20%, three-core terminal block, 24 VAC ± 20%; three-core terminal block, PoE: 802.3bt, Type3, Class 5	With -Y: 12 VDC ± 20%, three-core terminal block 24 VAC ± 20%, three-core terminal block PoE: 802.3at, Type 2, Class 4 Without -Y: 12 VDC ± 20%, two-core terminal block 24 VAC ± 20%, two-core terminal block PoE: 802.3at, Type 2, Class 4


Model	DS-2CD682560/C-IS	DS-2CD682560/C-IVS
Image	 HOT DeepinView	 HOT DeepinView
Image Sensor	1/1.2.7" Progressive Scan CMOS	1/1.2.7" Progressive Scan CMOS
Max. Resolution	1920 x 1080	1920 x 1080
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265/H.264/MJPEG
Min. Illumination	Color: 0.0176 Lux @ (F2.25, AGC ON) B/W: 0.0035 Lux @ (F2.2.5, AGC ON)	Color: 0.0176 Lux @ (F2.25, AGC ON) B/W: 0.0035 Lux @ (F2.2.5, AGC ON)
WDR	Digital WDR	Digital WDR
Lens	2 mm	2 mm
FOV	Horizontal FOV 104.5°, vertical FOV 70.5°, diagonal FOV 112°	Horizontal FOV 104.5°, vertical FOV 70.5°, diagonal FOV 112°
Max. IR Range	6 m	6 m
VCA	Counts people entering and exiting separately Supports real-time uploading and uploading by statistic cycle Sends email reports on daily, weekly, monthly or annually basis Supports target filtering by height	Counts people entering and exiting separately Supports real-time uploading and uploading by statistic cycle Sends email reports on daily, weekly, monthly or annually basis Supports target filtering by height
Frame Rate	50Hz: 25fps (1920 x 1080, 1280 x 720); 60Hz: 30fps (1920 x 1080, 1280 x 720)	50Hz: 25fps (1920 x 1080, 1280 x 720); 60Hz: 30fps (1920 x 1080, 1280 x 720)
Streams	2	2
Protection Level	-	IP67
Angle Adjustment	-	-
Operating Temperature	-30 °C to +45 °C (-22 °F to +113 °F)	-30 °C to +45 °C (-22 °F to +113 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	-
Indoor/Outdoor	Indoor	Outdoor
Audio I/O	1 built-in mic -S: 1 input (line in, two-core terminal block), 1 output (two-core terminal block), mono sound	1 built-in mic -S: 1 input (line in, two-core terminal block), 1 output (two-core terminal block), mono sound
Alarm I/O	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)
Power	12 VDC±20%, reverse polarity protection, Ø5.5mm coaxial power plug 12 VDC, PoE (36 to 57 VDC, 802.3af), Calss3	12 VDC±20%, reverse polarity protection, Ø5.5mm coaxial power plug 12 VDC, PoE (36 to 57 VDC, 802.3af), Calss3







Ultra Series Network Cameras

- › Ultra Series Cameras easily meet the requirements for projects with surprisingly high performance, excellent stability and network security
- › Excellent adaptability to lighting conditions with DarkFighter and ColorVu technologies
- › False alarm reduction through human and vehicle target classification based on AcuSense technology
- › Excellent stability: dual-file system backup, wide voltage range, NEMA 4X anti-corrosion, etc.
- › Loaded with advanced security functionalities to increase your system's cyber defense capabilities, including 802.1x EAP-TLS 1.2, security audit log, stream encryption, SFTP, SD card encryption, etc.
- › Supports HEOP, Metadata, ONVIF, ISAPI, SDK, and E-Home to make integration easier








Model	DS-2CD502660-(AP)	DS-2CD504660-(AP)	DS-2CD508560-(AP)	DS-2CD50C560-(AP)
Image	 DarkFighter ⁺	 DarkFighter ⁺		
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
Max. Resolution	1920 × 1080	2560 × 1440	3840×2160	4000 × 3000
Video Compression	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON); B/W: 0.0002 Lux @ (F1.2, AGC ON)	Color: 0.002 Lux @ (F1.2, AGC ON) B/W: 0.0002 Lux @ (F1.2, AGC ON)	Color: 0.007 Lux @ (F1.2, AGC ON); B/W: 0.0007 Lux @ (F1.2, AGC ON)	Color: 0.008 Lux @ (F1.2, AGC ON) B/W: 0.0008 Lux @ (F1.2, AGC ON) 0 Lux with IR
WDR	140 dB	140 dB	120 dB	DWDR
Lens	-	-	-	-
FOV	-	-	-	-
Max. IR Range	-	-	-	-
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840×2160, 3200×1800, 2560×1440, 1920×1080, 1280×720) 60Hz: 30fps (3840×2160, 3200×1800, 2560×1440, 1920×1080, 1280×720)	50Hz: 20fps(4000 × 3000), 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps(4000 × 3000), 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Multi-Streaming	5+5	5+5	5+5	5+5
Protection Level	-	-	-	-
Angle Adjustment	-	-	-	-
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Operating Humidity	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Audio I/O	1 input (line in), 1 output (line out), mono	1 input (line in), 1 output (line out), mono	1 input (line in), 1 output (line out), mono	1 input (line in), 1 output (line out), mono
Alarm I/O	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs
Installation	-	-	-	-
Power Supply	12 VDC is recommended, 10 to 48 VDC; 24 VAC (-25%, +24.9%); two-core terminal block; PoE (802.3af, class 3); Reverse polarity protection	12 VDC is recommended, 10 to 48 VDC; 24 VAC (-25%, +24.9%); two-core terminal block; PoE (802.3af, class 3); Reverse polarity protection	12 VDC is recommended, 10 to 48 VDC; 24 VAC (-25%, +24.9%); two-core terminal block; PoE (802.3af, class 3); Reverse polarity protection	12 VDC is recommended, 10 to 48 VDC; 24 VAC (-25%, +24.9%); two-core terminal block; PoE (802.3af, class 3); Reverse polarity protection

Model	DS-2CD512660-IZS	DS-2CD514660-IZS	DS-2CD518560-IZS	DS-2CD51C560-IZS
Image	 DarkFighter *	 DarkFighter *		
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
Max. Resolution	1920×1080	2560 × 1440	3840×2160	4000×3000
Video Compression	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.007 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.008 Lux @ (F1.2, AGC ON), 0 Lux with IR
WDR	140 dB	140 dB	120 dB	DWDR
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3°	horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45°	horizontal FOV 112.4° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47°	horizontal FOV 101° to 36.1°, vertical FOV 72° to 27.2°, diagonal FOV 130° to 45.2°
Max. IR Range	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840×2160, 3200×1800, 2560×1440, 1920×1080, 1080×720) 60Hz: 30fps (3840×2160, 3200×1800, 2560×1440, 1920×1080, 1080×720)	50Hz: 20fps(4000 × 3000), 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps(4000 × 3000), 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Multi-Streaming	5+5	5+5	5+5	5+5
Protection Level	IK10	IK10	IK10	IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Operating Humidity	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Audio I/O	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound
Alarm I/O	1 input, 1 output	1 input, 1 output	1 input, 1 output	1 input, 1 output
Installation	-	-	-	-
Power Supply	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3af, class 3)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3af, class 3)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3af, class 3)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3af, class 3)







Model	DS-2CD5A2660-IZ(H)S	DS-2CD5A2660-IZ(H)SY	DS-2CD5A4660-IZ(H)S	DS-2CD5A4660-IZ(H)SY	DS-2CD5A8560-IZ(H)S	DS-2CD5AC560-IZ(H)S
Image	 DarkFighter	 DarkFighter	 DarkFighter	 DarkFighter	 DarkFighter	 DarkFighter
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
Max. Resolution	1920×1080	1920×1080	2560 × 1440	2560 × 1440	3840 × 2160	4000×3000
Video Compression	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG
Min. Illumination	Color: 0.004 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.8, AGC ON), 0 Lux with IR on	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR on	Color: 0.016 Lux @ (F1.8, AGC ON), 0 Lux with IR on	Color: 0.018 Lux @ (F1.8, AGC ON), 0 Lux with IR on
WDR	140 dB	140 dB	140 dB	140 dB	120 dB	DWDR
Lens	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm	2.8 to 12 mm, 8 to 32mm	2.8 to 12 mm	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm
FOV	2.8 to 12 mm, horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3° 8 to 32 mm, horizontal FOV 42.5° to 13.4°, vertical FOV 23.4° to 7.7°, diagonal FOV 49° to 15.3°	2.8 to 12 mm, horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3°	2.8 to 12 mm, horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45° 8 to 32 mm, horizontal FOV 37.7° to 15.2°, vertical FOV 21° to 8.6°, diagonal FOV 43.3° to 17.24°	2.8 to 12 mm, horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45°	2.8 to 12 mm, horizontal FOV 112.4° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47° 8 to 32 mm, horizontal FOV 39° to 15.6°, vertical FOV 21.8° to 8.9°, diagonal FOV 45° to 17.8°	2.8 to 12 mm, horizontal FOV 101° to 36.1°, vertical FOV 72° to 27.2°, diagonal FOV 130° to 45.2°
Max. IR Range	2.8 to 12 mm lens: 50 m 8 to 32 mm lens: 100 m	50 m	2.8-12 mm lens: 50 m 8-32 mm lens: 100 m	50 m	2.8-12 mm lens: 50 m 8-32 mm lens: 100 m	50 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720), 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720), 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840×2160, 3200×1800, 2560×1440, 1920×1080, 1280×720) 60Hz: 30fps (3840×2160, 3200×1800, 2560×1440, 1920×1080, 1280×720)	50Hz: 20fps(4000 × 3000), 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps(4000 × 3000), 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Multi-Streaming	5+5	5+5	5+5	5+5	5+5	5+5
Protection Level	IP67, IK10	IP67, IK10, Anti-Corrosion Standard: NEMA 4X	IP67, IK10	IP67, IK10, Anti-Corrosion Standard: NEMA 4X	IP67, IK10	IP67, IK10
Angle Adjustment	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)
Operating Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Audio I/O	-	-	-	-	-	-
Alarm I/O	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs
Installation	-	-	-	-	-	-
Power Supply	12 VDC ± 20%, two-core terminal block; reverse polarity protection, PoE (802.3at, class 4)	12 VDC ± 20%, three-core terminal block; reverse polarity protection, PoE (802.3at, type 2, class 4)	12 VDC ± 20%, two-core terminal block; reverse polarity protection, PoE (802.3at, class 4)	12 VDC ± 20%, three-core terminal block; reverse polarity protection, PoE (802.3at, type 2, class 4)	12 VDC ± 20%, two-core terminal block; reverse polarity protection, PoE (802.3at, class 4)	12 VDC ± 20%, two-core terminal block; reverse polarity protection, PoE (802.3at, class 4)

Model	DS-2CD552660-IZ(H)S	DS-2CD552660-IZ(H)SY	DS-2CD554660-IZ(H)S	DS-2CD554660-IZ(H)SY	DS-2CD558560-IZ(H)S	DS-2CD55C560-IZ(H)S	
Image	 DarkFighter ⁺	 DarkFighter ⁺	 DarkFighter ⁺	 DarkFighter ⁺			
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	
Max. Resolution	1920×1080	1920×1080	2560 × 1440	2560 × 1440	3840 × 2160	4000 × 3000	
Video Compression	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	H.265 / H.265+ / H.264+ / H.264 / MJPEG	
Min. Illumination	Color: 0.004 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.8, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.016 Lux @ (F1.8, AGC ON), 0 Lux with IR	Color: 0.008 Lux @ (F1.2, AGC ON), 0 Lux with IR	
WDR	140 dB	140 dB	140 dB	140 dB	120 dB	DWDR	
Lens	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm	
FOV	2.8 to 12 mm, horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3° 8 to 32 mm, horizontal FOV 42.5° to 13.4°, vertical FOV 23.4° to 7.7°, diagonal FOV 49° to 15.3°	2.8 to 12 mm, horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3°	2.8 to 12 mm, horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45° 8 to 32 mm, horizontal FOV 37.7° to 15.2°, vertical FOV 21° to 8.6°, diagonal FOV 43.4° to 17.24°	2.8 to 12 mm, horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45°	2.8 to 12 mm, horizontal FOV 112.4° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47° 8 to 32 mm, horizontal FOV 39° to 15.6°, vertical FOV 21.8° to 8.9°, diagonal FOV 45° to 17.8°	2.8 to 12 mm, horizontal FOV 101° to 36.1°, vertical FOV 72° to 27.2°, diagonal FOV 130° to 45.2°	
Max. IR Range	2.8 to 12 mm lens: 30 m 8 to 32 mm lens: 50 m	30 m	2.8-12 mm lens: 30 m 8-32 mm lens: 50 m	30 m	2.8-12 mm lens: 30 m 8-32 mm lens: 50 m	30 m	
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	
Frame Rate	50Hz: 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840×2160, 3200×1080, 2560×1440, 1920×1080, 1080×720) 60Hz: 30fps (3840×2160, 3200×1080, 2560×1440, 1920×1080, 1080×720)	50Hz: 20fps (4000 × 3000), 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps (4000 × 3000), 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	
Multi-Streaming	5+5	5+5	5+5	5+5	5+5	5+5	
Protection Level	IP67, IK10	IP67, IK10 Anti-Corrosion Standard: NEMA 4X	IP67, IK10	IP67, IK10 Anti-Corrosion Standard: NEMA 4X	IP67, IK10	IP67, IK10	
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	
Operating Temperature	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	
Operating Humidity	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	
Audio I/O	1-ch 3.5 mm input (line in), 1-ch 3.5 mm output (line out), mono	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono	
Alarm I/O	1 input, 1 output	1 input, 1 output	1 input, 1 output	1 input, 1 output	1 input, 1 output	1 input, 1 output	
Installation	-	-	-	-	-	-	
Power Supply	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)







Model	DS-2CD3T2361-I/4G	DS-2CD304762-LS	DS-2CD334762-LSU	DS-2CD354762-LS	DS-2CD338762-LSU	DS-2CD3B2662T-IZHS(Y)
Image	 4G	 ColorVu	 ColorVu	 ColorVu	 ColorVu	 DarkFighter
Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.2" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	2688 × 1520	2688 × 1520	2688 × 1520	3840 × 2160	1920 × 1080
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	0.004 Lux @ (F1.4, AGC ON)	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light	0.0014 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR
WDR	120 dB	130 dB	130 dB	130 dB	130 dB	140 dB
Lens	2.8 mm, 4 mm, 8 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 to 12 mm 8 to 32 mm
FOV	2.8 mm @1.4: Horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 128° 4 mm @F1.4: Horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 8 mm @F1.6: Horizontal FOV: 41°, vertical FOV: 22°, diagonal FOV: 47°	2.8 mm, horizontal FOV 112°, vertical FOV 61°, diagonal FOV 134° 4 mm, horizontal FOV 95°, vertical FOV 51°, diagonal FOV 115° 6 mm, horizontal FOV 58°, vertical FOV 31°, diagonal FOV 69	2.8 mm, horizontal FOV 112°, vertical FOV 61°, diagonal FOV 134° 4 mm, horizontal FOV 95°, vertical FOV 51°, diagonal FOV 115° 6 mm, horizontal FOV 58°, vertical FOV 31°, diagonal FOV 69	2.8 mm, horizontal FOV 112°, vertical FOV 61°, diagonal FOV 134° 4 mm, horizontal FOV 95°, vertical FOV 47°, diagonal FOV 115°	2.8 mm, horizontal FOV 102°, vertical FOV 52°, diagonal FOV 124° 4 mm, horizontal FOV 88°, vertical FOV 47°, diagonal FOV 104°	2.8 to 12 mm: horizontal FOV 107° to 40°, vertical FOV 56° to 22°, diagonal FOV 130° to 46° 8 to 32 mm: horizontal FOV 43° to 15°, vertical FOV 23° to 9°, diagonal FOV 50° to 17°
Max. IR Range	-	40 m	40 m	40 m	40 m	2.8 to 12 mm: up to 60 m 8 to 32 mm: up to 80 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)
Multi-Streaming	3	4	4	4	4	4
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67,IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Audio I/O	-	1 in, 1 out	1 in, 1 out Built-in microphone	1 in, 1 out	1 in, 1 out	1 in, 1 out
Alarm I/O	-	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	3 in, 3 out
Power Supply	12 VDC ± 20%	12 VDC ± 25% PoE: 802.3af, Type 1, Class 3	12 VDC ± 25%, reverse polarity protection PoE: 802.3af, Class 3	12 VDC ± 25%, 0.54 A, max. 6.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection PoE: (802.3af, Class 3, 36 V to 57 V), 0.22 A to 0.14 A, max. 8 W	12 VDC, 0.47 A, max. 5.6 W PoE: 802.3af, 36 V to 57 V, 0.18 A to 0.12 A, max. 6.6 W	12 VDC ± 25% 24 VAC ± 20% PoE: 802.3at, Class 4

Model	DS-2CD3B46G2T-IZHS(Y)	DS-2CD3B86G2T-IZHS(Y)	DS-2CD3D26G2T-IZHSU(Y)	DS-2CD3D46G2T-IZHSU(Y)	DS-2CD3D86G2T-IZHSU(Y)	DS-2CD3026G2-IS
Image	 HOT DarkFighter	 HOT DarkFighter	 HOT NEW DarkFighter	 HOT NEW DarkFighter	 HOT NEW DarkFighter	
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max. Resolution	2688 × 1520	3840 × 2160	1920 × 1080	2688 × 1520	3840 × 2160	1920 × 1080
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	0.0014 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR	0.0014 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR	0.0014 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR	0.0014 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR	0.0014 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on
WDR	140 dB	140 dB	140 dB	140 dB	140 dB	120 dB
Lens	2.8 to 12 mm 8 to 32 mm*	2.8 to 12 mm	2.8 to 12 mm 8 to 32 mm	2.8 to 12 mm 8 to 32 mm	2.8 to 12 mm 8 to 32 mm	2.8 mm, 4 mm, 6 mm
FOV	2.8 to 12 mm: horizontal FOV 107° to 40°, vertical FOV 56° to 22°, diagonal FOV 130° to 46° 8 to 32 mm: horizontal FOV 43° to 15°, vertical FOV 23° to 9°, diagonal FOV 50° to 17°	2.8 to 12 mm: horizontal FOV 112° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47°	2.8 to 12 mm: horizontal FOV 107° to 40°, vertical FOV 56° to 22°, diagonal FOV 130° to 46° 8 to 32 mm: horizontal FOV 43° to 15°, vertical FOV 23° to 9°, diagonal FOV 50° to 17°	2.8 to 12 mm: horizontal FOV 107° to 40°, vertical FOV 56° to 22°, diagonal FOV 130° to 46° 8 to 32 mm: horizontal FOV 43° to 15°, vertical FOV 23° to 9°, diagonal FOV 50° to 17°	2.8 to 12 mm: horizontal FOV 112° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47° 8 to 32 mm: horizontal FOV 41.8° to 14.9°, vertical FOV 22.9° to 8.5°, diagonal FOV 48.7° to 17.1°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°
Max. IR Range	2.8 to 12 mm: up to 60 m 8 to 32 mm: up to 80 m	2.8 to 12 mm: up to 60 m	2.8 to 12 mm: 40 m 8 to 32 mm: 60 m	2.8 to 12 mm: 40 m 8 to 32 mm: 60 m	2.8 to 12 mm: 40 m 8 to 32 mm: 60 m	40 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)
Multi-Streaming	4	4	4	4	4	4
Protection Level	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
Alarm I/O	3 in, 3 out	3 in, 3 out	2 in, 2 out	2 in, 2 out	2 in, 2 out	1 in, 1 out
Power Supply	12 VDC ± 25% 24 VAC ± 20% PoE: 802.3af, Class 4	12 VDC ± 25% 24 VAC ± 20% PoE: 802.3af, Class 4	12 VDC ± 25%, 10.8W 24 VAC ± 20%, 10.8W PoE (802.3af, 36V to 57V), 12.9W	12 VDC ± 25%, 10.8W 24 VAC ± 20%, 10.8W PoE (802.3af, 36V to 57V), 12.9W	12 VDC ± 25%, 10.8W 24 VAC ± 20%, 10.8W PoE (802.3af, 36V to 57V), 12.9W	12 VDC ± 25% PoE: 802.3af, Type 1, Class 3

DS-2CD3D8662T-IZH5(Y)	DS-2CD305662-IS	DS-2CD308662-IS	DS-2CD312662-IS(U)	DS-2CD315662-IS(U)	DS-2CD318662-IS(U)	DS-2CD332662-ISU
Image						
Image Sensor	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max. Resolution	2592 × 1944	3840 × 2160	1920 × 1080	2592 × 1944	3840 × 2160	1920 × 1080
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on
WDR	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV 98°, vertical FOV 72°, diagonal FOV 131° 4 mm, horizontal FOV 80°, vertical FOV 58°, diagonal FOV 104° 6 mm, horizontal FOV 51°, vertical FOV 37°, diagonal FOV 66°	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131° 4 mm, horizontal FOV 87°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 51°, vertical FOV 28°, diagonal FOV 60°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 98°, vertical FOV 72°, diagonal FOV 131° 4 mm, horizontal FOV 80°, vertical FOV 58°, diagonal FOV 104° 6 mm, horizontal FOV 51°, vertical FOV 37°, diagonal FOV 66°	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131° 4 mm, horizontal FOV 87°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 51°, vertical FOV 28°, diagonal FOV 60°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°
Max. IR Range	40 m	40 m	40 m	40 m	40 m	40 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)
Multi-Streaming	4	4	4	4	4	4
Protection Level	IP67	IP67	IP67,IK10	IP67,IK10	IP67,IK10	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out, Built-in microphone(-U)	1 in, 1 out, Built-in microphone(-U)	1 in, 1 out, Built-in microphone(-U)	1 in, 1 out
Alarm I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
Power Supply	12 VDC ± 25% PoE: 802.3af, Type 1, Class 3	12 VDC ± 25% PoE: 802.3af, Type 1, Class 3	12 VDC ± 25% PoE: 802.3af, Type 1, Class 3	12 VDC ± 25% PoE: 802.3af, Type 1, Class 3	12 VDC ± 25% PoE: 802.3af, Type 1, Class 3	12 VDC ± 25%, reverse polarity protection PoE: 802.3af, Type 1, Class 3







DS-2CD3D8662T-IZHS(Y)	DS-2CD335662-ISU	DS-2CD338662-ISU	DS-2CD352662-IS	DS-2CD355662-IS	DS-2CD358662-IS	DS-2CD3T2662-4IS	
Image							
Image Sensor	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	
Max. Resolution	2592 × 1944	3840 × 2160	1920 × 1080	2592 × 1944	3840 × 2160	1920 × 1080	
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	
Min. Illumination	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	
WDR	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB	
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm, 6 mm, 12 mm	
FOV	2.8 mm, horizontal FOV 98°, vertical FOV 72°, diagonal FOV 131° 4 mm, horizontal FOV 80°, vertical FOV 58°, diagonal FOV 104° 6 mm, horizontal FOV 51°, vertical FOV 37°, diagonal FOV 66°	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131° 4 mm, horizontal FOV 87°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 51°, vertical FOV 28°, diagonal FOV 60°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102°	2.8 mm, horizontal FOV 98°, vertical FOV 72°, diagonal FOV 131° 4 mm, horizontal FOV 80°, vertical FOV 58°, diagonal FOV 104°	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131° 4 mm, horizontal FOV 87°, vertical FOV 47°, diagonal FOV 102°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65° 12 mm, horizontal FOV 25°, vertical FOV 14°, diagonal FOV 29°	
Max. IR Range	40 m	40 m	30 m	30 m	30 m	90 m	
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	
Frame Rate	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)
Multi-Streaming	4	4	4	4	4	4	
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less	
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB	
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	
Alarm I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	2 in, 2 out	
Power Supply	12 VDC ± 25%, reverse polarity protection PoE: 802.3af, Type 1, Class 3	12 VDC ± 25%, reverse polarity protection PoE: 802.3af, Type 1, Class 3	12 VDC ± 25%, 0.45 A, max. 5.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection PoE: (802.3af, Class 3, 36 V to 57 V), 0.18 A to 0.11 A, max. 6.5 W	12 VDC ± 25%, 0.5 A, max. 6 W, Ø5.5 mm coaxial power plug, reverse polarity protection PoE: (802.3af, Class 3, 36 V to 57 V), 0.19 A to 0.12 A, max. 7 W	12 VDC ± 25%, 0.54 A, max. 6.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection PoE: (802.3af, Class 3, 36 V to 57 V), 0.22 A to 0.14 A, max. 8 W	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4	

DS-2CD3D8662T-IZH5(Y)	DS-2CD3T5662-4IS	DS-2CD3T8662-4IS	DS-2CD362662-IZS	DS-2CD362662T-IZS	DS-2CD365662-IZS	DS-2CD365662T-IZS	
Image							
Image Sensor	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	
Max. Resolution	2592 × 1944	3840 × 2160	1920 × 1080	1920 × 1080	2592 × 1944	2592 × 1944	
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	
Min. Illumination	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	
WDR	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB	
Lens	2.8 mm, 4 mm, 6 mm, 12 mm	2.8 mm, 4 mm, 6 mm, 12 mm	2.7 to 13.5 mm	2.7 to 13.5 mm 7 to 35 mm	2.7 to 13.5 mm 7 to 35 mm	2.7 to 13.5 mm 7 to 35 mm	
FOV	2.8 mm, horizontal FOV 97°, vertical FOV 71°, diagonal FOV 129° 4 mm, horizontal FOV 78°, vertical FOV 58°, diagonal FOV 102° 6 mm, horizontal FOV 44°, vertical FOV 34°, diagonal FOV 54° 12 mm, horizontal FOV 23°, vertical FOV 18°, diagonal FOV 29°	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131° 4 mm, horizontal FOV 87°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 51°, vertical FOV 28°, diagonal FOV 60° 12 mm, horizontal FOV 24°, vertical FOV 14°, diagonal FOV 27°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39° 7 to 35 mm: horizontal FOV 30° to 11°, vertical FOV 17° to 6°, diagonal FOV 34° to 12°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39° 7 to 35 mm: horizontal FOV 30° to 11°, vertical FOV 17° to 6°, diagonal FOV 34° to 12°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39° 7 to 35 mm: horizontal FOV 30° to 11°, vertical FOV 17° to 6°, diagonal FOV 34° to 12°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39° 7 to 35 mm: horizontal FOV 30° to 11°, vertical FOV 17° to 6°, diagonal FOV 34° to 12°
Max. IR Range	90 m	90 m	60 m	2.7 to 13.5 mm: up to 60 m 7 to 35 mm: up to 80 m	2.7 to 13.5 mm: up to 60 m 7 to 35 mm: up to 80 m	2.7 to 13.5 mm: up to 60 m 7 to 35 mm: up to 80 m	
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	
Frame Rate	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Multi-Streaming	4	4	4	4	4	4	
Protection Level	IP67	IP67	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less	
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB	
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	
Alarm I/O	2 in, 2 out	2 in, 2 out	1 in, 1 out	2 in, 2 out	1 in, 1 out	2 in, 2 out	
Power Supply	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4	

DS-2CD3D8662T-IZHS(Y)	DS-2CD368662-IZS	DS-2CD368662T-IZS	DS-2CD372662-IZS	DS-2CD372662T-IZS	DS-2CD375662-IZS	DS-2CD375662T-IZS	
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW	
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	
Max. Resolution	3840 × 2160	3840 × 2160	1920 × 1080	1920 × 1080	2592 × 1944	2592 × 1944	
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	
Min. Illumination	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	
WDR	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB	
Lens	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm, 7 to 35 mm	
FOV	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39° 7 to 35 mm: horizontal FOV 30° to 11°, vertical FOV 17° to 6°, diagonal FOV 34° to 12°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39° 7 to 35 mm: horizontal FOV 30° to 11°, vertical FOV 17° to 6°, diagonal FOV 34° to 12°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39° 7 to 35 mm: horizontal FOV 30° to 11°, vertical FOV 17° to 6°, diagonal FOV 34° to 12°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39° 7 to 35 mm: horizontal FOV 30° to 11°, vertical FOV 17° to 6°, diagonal FOV 34° to 12°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39° 7 to 35 mm: horizontal FOV 30° to 11°, vertical FOV 17° to 6°, diagonal FOV 34° to 12°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39° 7 to 35 mm: horizontal FOV 30° to 11°, vertical FOV 17° to 6°, diagonal FOV 34° to 12°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39° 7 to 35 mm: horizontal FOV 30° to 11°, vertical FOV 17° to 6°, diagonal FOV 34° to 12°
Max. IR Range	2.7 to 13.5 mm: up to 60 m 7 to 35 mm: up to 80 m	2.7 to 13.5 mm: up to 60 m 7 to 35 mm: up to 80 m	2.7 to 13.5 mm: up to 60 m 7 to 35 mm: up to 80 m	2.7 to 13.5 mm: up to 60 m 7 to 35 mm: up to 80 m	2.7 to 13.5 mm: up to 60 m 7 to 35 mm: up to 80 m	2.7 to 13.5 mm: up to 60 m 7 to 35 mm: up to 80 m	
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	
Frame Rate	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Multi-Streaming	4	4	4	4	4	4	
Protection Level	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less	
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB	
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	
Alarm I/O	1 in, 1 out	3 in, 3 out	1 in, 1 out	2 in, 2 out	1 in, 1 out	2 in, 2 out	
Power Supply	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	

DS-2CD3D8662T-IZHS(Y)	DS-2CD378662-IZS	DS-2CD378662T-IZS	DS-2CD3H2662-IZS	DS-2CD3H5662-IZS	DS-2CD3H8662-IZS	DS-2CD302662-IU/SL
Image			 NEW		 NEW	
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max. Resolution	3840 × 2160	3840 × 2160	1920 × 1080	2592 × 1944	3840 × 2160	1920 × 1080
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR	0.003 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR	0.003 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on
WDR	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm 7 to 35 mm	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm	2.8 mm, 4 mm, 6 mm
FOV	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39° 7 to 35 mm: horizontal FOV 30° to 11°, vertical FOV 17° to 6°, diagonal FOV 34° to 12°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39° 7 to 35 mm: horizontal FOV 30° to 11°, vertical FOV 17° to 6°, diagonal FOV 34° to 12°	2.7 to 13.5 mm, horizontal FOV 113° to 33.9°, vertical FOV 58° to 18.9°, diagonal FOV 138° to 39°	2.7 to 13.5 mm, horizontal FOV 103° to 32°, vertical FOV 73° to 24°, diagonal FOV 142° to 40°	2.7 to 13.5 mm, horizontal FOV 108° to 46°, vertical FOV 58° to 26°, diagonal FOV 127° to 52°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°
Max. IR Range	2.7 to 13.5 mm: up to 60 m 7 to 35 mm: up to 80 m	2.7 to 13.5 mm: up to 60 m 7 to 35 mm: up to 80 m	40 m	40 m	40 m	40 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: up to 50 fps (1920 × 1080, 1280 × 720) 60 Hz: up to 60 fps (1920 × 1080, 1280 × 720) *High frame rate is supported under certain settings.	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)
Multi-Streaming	4	4	4	4	4	4
Protection Level	IP67,IK10	IP67,IK10	IP66 (IEC 60529-2013), IK10 (IEC 62262:2002)	IP66 (IEC 60529-2013), IK10 (IEC 62262:2002)	IP66 (IEC 60529-2013), IK10 (IEC 62262:2002)	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 built-in microphone 1 built-in speaker
Alarm I/O	1 in, 1 out	2 in, 2 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	-
Power Supply	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, Class 3

DS-2CD3D8662T-IZHS(Y)	DS-2CD305662-IU/SL	DS-2CD332662-ISU/SL	DS-2CD335662-ISU/SL	DS-2CD3T2662-ISU/SL	DS-2CD3T5662-ISU/SL	DS-2CD384360-AP	
Image						 NEW	
Image Sensor	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	
Max. Resolution	2592 × 1944	1920 × 1080	2592 × 1944	1920 × 1080	2592 × 1944	2560 × 1440	
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	
Min. Illumination	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.005 Lux @ (F1.6, AGC ON)	
WDR	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB	
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	不包含镜头	
FOV	2.8 mm, horizontal FOV 98°, vertical FOV 72°, diagonal FOV 131° 4 mm, horizontal FOV 80°, vertical FOV 58°, diagonal FOV 104° 6 mm, horizontal FOV 51°, vertical FOV 37°, diagonal FOV 66°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 98°, vertical FOV 72°, diagonal FOV 131° 4 mm, horizontal FOV 80°, vertical FOV 58°, diagonal FOV 104° 6 mm, horizontal FOV 51°, vertical FOV 37°, diagonal FOV 66°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 98°, vertical FOV 72°, diagonal FOV 131° 4 mm, horizontal FOV 80°, vertical FOV 58°, diagonal FOV 104° 6 mm, horizontal FOV 51°, vertical FOV 37°, diagonal FOV 66°	-	-
Max. IR Range	40 m	40 m	40 m	60 m	60 m	-	
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	
Frame Rate	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25fps (1920 × 1080, 1280 × 720) 60 Hz: 30fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25fps (1920 × 1080, 1280 × 720) 60 Hz: 30fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 30 fps (1920 × 1080, 1280 × 720)
Multi-Streaming	4	4	4	4	4	3	
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	-	
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less	
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB	
Audio I/O	1 built-in microphone 1 built-in speaker	1 in, 1 out, Built-in microphone Built-in speaker	1 in, 1 out, Built-in microphone Built-in speaker	1 in, 1 out, Built-in microphone Built-in speaker	1 in, 1 out, Built-in microphone Built-in speaker	1 in, 1 out, Built-in microphone Built-in speaker	
Alarm I/O	-	1 in, 1 out	1 in, 1 out	2 in, 2 out	2 in, 2 out	1 in, 1 out	
Power Supply	12 VDC ± 25% PoE: 802.3af, Class 3	12 VDC ± 25% PoE: 802.3af, Class 3	12 VDC ± 25% PoE: 802.3af, Class 3	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4	12 VDC ± 25%, 0.58 A, max. 7 W, two-core terminal block, reverse polarity protection; 24 VAC ± 20%, 0.49 A, max. 7 W, two-core terminal block PoE: 802.3af, 36 V to 57 V, 0.22 A to 0.14 A, max. 8 W	

Model	DS-2CD302362-IU	DS-2CD304362-IU	DS-2CD306362-IU	DS-2CD312362-I(S)U	DS-2CD314362-I(S)U	DS-2CD316362-I(U)
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	2688 × 1520	3200 × 1800	1920 × 1080	2688 × 1520	3200 × 1080
Video Compression	H.265/H.264/H.264+/H.265+/MJPEG	H.265/H.264/H.264+/H.265+/MJPEG	H.265/H.264/H.264+/H.265+/MJPEG	H.265/H.264/H.264+/H.265+/MJPEG	H.265/H.264/H.264+/H.265+/MJPEG	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	Color: 0.005 lux @ (F1.6, AGC ON), B/W: 0 lux with IR
WDR	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 127° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 104° 6 mm, horizontal FOV 54°, vertical FOV 29°, diagonal FOV 63°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 122° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 100° 6 mm, horizontal FOV 52°, vertical FOV 28°, diagonal FOV 61°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 128° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 105° 6 mm, horizontal FOV 54°, vertical FOV 29°, diagonal FOV 63°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 127° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 104° 6 mm, horizontal FOV 54°, vertical FOV 29°, diagonal FOV 63°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 122° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 100° 6 mm, horizontal FOV 52°, vertical FOV 28°, diagonal FOV 61°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 128° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 105° 6 mm, horizontal FOV 54°, vertical FOV 29°, diagonal FOV 63°
Max. IR Range	40 m	40 m	40 m	40 m	40 m	40 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 20 fps (3200 × 1800) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 20 fps (3200 × 1800) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Multi-Streaming	3	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67,IK10	IP67,IK10	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Audio I/O	-	-	-	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	1 Built-in Microphone -S: 1 in, 1 out
Alarm I/O	-	-	-	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	S: 1 in, 1 out
Power Supply	12 VDC ± 25%, 6W PoE(802.3af, class 3), 7 W	12 VDC ± 25%, 6W PoE(802.3af, class 3), 7 W	12 VDC ± 25%, 6W PoE(802.3af, class 3), 7.2 W	12 VDC ± 25%, 5W PoE(802.3af, class 3), 6.5 W	Without -S model: 12 VDC ± 25%, 5W PoE(802.3af, class 3), 6.5 W With -S model: 12 VDC ± 25%, 5.5W PoE(802.3af, class 3), 6.5 W	12 VDC ± 25%, 6W PoE (802.3af, 36V to 57V), 7.5W

Model	DS-2CD332362-IU	DS-2CD334362-IU	DS-2CD336362-IU	DS-2CD352362-IS	DS-2CD354362-IS	DS-2CD356362-IS
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	2688 × 1520	3200 × 1080	1920 × 1080	2688 × 1520	3200 × 1800
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265/H.264/H.264+/H.265+/MJPEG	H.265/H.264/H.264+/H.265+/MJPEG
Min. Illumination	Color: 0.005 lux @(F1.6, AGC ON), B/W: 0 lux with IR	Color: 0.005 lux @(F1.6, AGC ON), B/W: 0 lux with IR	Color: 0.005 lux @(F1.6, AGC ON), B/W: 0 lux with IR	Color: 0.005 lux @(F1.6, AGC ON), B/W: 0 lux with IR	Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0 Lux with IR
WDR	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 127° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 104° 6 mm, horizontal FOV 54°, vertical FOV 29°, diagonal FOV 63°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 122° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 100° 6 mm, horizontal FOV 52°, vertical FOV 28°, diagonal FOV 61°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 128° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 105° 6 mm, horizontal FOV 54°, vertical FOV 29°, diagonal FOV 63°	2.8 mm, horizontal FOV 108.8°, vertical FOV 57.7°, diagonal FOV 129.4° 4 mm, horizontal FOV 87.6°, vertical FOV 44.4°, diagonal FOV 104.9°	2.8 mm, horizontal FOV 104.3°, vertical FOV 55.9°, diagonal FOV 123.8° 4 mm, horizontal FOV 83.7°, vertical FOV 43.0°, diagonal FOV 100.3°	2.8 mm, horizontal FOV 108.8°, vertical FOV 57.7°, diagonal FOV 129.4° 4 mm, horizontal FOV 87.6°, vertical FOV 44.4°, diagonal FOV 104.9°
Max. IR Range	40 m	40 m	40 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 20 fps (3200 × 1800) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 20 fps (3200 × 1800) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Multi-Streaming	3	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Audio I/O	1 Built-in microphone	1 Built-in microphone	1 Built-in microphone	1 Built-in Microphone -IS: 1 in, 1 out	1 in, 1 out	1 in, 1 out
Alarm I/O	—	—	—	IS: 1 in, 1 out	1 in, 1 out	1 in, 1 out
Power Supply	12 VDC ± 25%, 5.5W PoE (802.3af, 36V to 57V), 6.5W	12 VDC ± 25%, 6W PoE (802.3af, 36V to 57V), 7W	12 VDC ± 25%, 6W PoE (802.3af, 36V to 57V), 7.5W	12 VDC ± 25%, 5.5W PoE (802.3af, 36V to 57V), 6.5W	12 VDC ± 25%, 0.45 A, max. 5.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection PoE: (802.3af, Class 3, 36 V to 57 V), 0.18 A to 0.11 A, max. 6.5 W	12 VDC ± 25%, 0.5 A, max. 6 W, Ø5.5 mm coaxial power plug, reverse polarity protection PoE: (802.3af, Class 3, 36 V to 57 V), 0.19 A to 0.12 A, max. 7 W

Model	DS-2CD3T2362-2IS/4IS	DS-2CD3T4362-2IS/4IS	DS-2CD3T6362-2IS/4IS	DS-2CD362362-1ZS	DS-2CD364362-1ZS	DS-2CD366362-1ZS	
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW	
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	
Max. Resolution	1920 × 1080	2688 × 1520	3200 × 1800	1920 × 1080	2688 × 1520	3200 × 1800	
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	
WDR	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB	
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm	
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 127° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 104° 6 mm, horizontal FOV 54°, vertical FOV 29°, diagonal FOV 63°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 122° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 100° 6 mm, horizontal FOV 52°, vertical FOV 28°, diagonal FOV 61°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 128° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 105° 6 mm, horizontal FOV 54°, vertical FOV 29°, diagonal FOV 63°	horizontal FOV 107° to 32°, vertical FOV 56° to 18°, diagonal FOV 128° to 37°	horizontal FOV 102° to 31°, vertical FOV 55° to 18°, diagonal FOV 122° to 36°	2.7 to 13.5 mm, horizontal FOV 107° to 32°, vertical FOV 56° to 18°, diagonal FOV 128° to 37°	2.7 to 13.5 mm, horizontal FOV 107° to 32°, vertical FOV 56° to 18°, diagonal FOV 128° to 37°
Max. IR Range	2l: up to 60 m 4l: up to 90 m	2l: up to 60 m 4l: up to 90 m	2l: up to 60 m 4l: up to 90 m	60 m	60 m	60 m	
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	
Frame Rate	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 20 fps (3200 × 1800) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 20 fps (3200 × 1800) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	
Multi-Streaming	3	3	3	3	3	3	
Protection Level	IP67	IP67	IP67	IP67, IK10	IP67, IK10	IP67, IK10	
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	
Operating Temperature	-30 °C to 60 °C [-22 °F to 140 °F]. Humidity 95% or less (non-condensing)	-30 °C to 60 °C [-22 °F to 140 °F]. Humidity 95% or less (non-condensing)	-30 °C to 60 °C [-22 °F to 140 °F]. Humidity 95% or less (non-condensing)	-30 °C to 60 °C [-22 °F to 140 °F]. Humidity 95% or less (non-condensing)	-30 °C to 60 °C [-22 °F to 140 °F]. Humidity 95% or less (non-condensing)	-30 °C to 60 °C [-22 °F to 140 °F]. Humidity 95% or less (non-condensing)	
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less	
Local Storage	With -SF 256GB	With -SF 256GB	With -SF 256GB	With -SF 256GB	With -SF 256GB	With -SF 256GB	
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	
Alarm I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	
Power Supply	12 VDC ± 25%, 1.08 A, max. 13 W, Ø5.5 mm coaxial power plug PoE: (802.3at, Class 4, 42.5 V to 57 V), 0.36 A to 0.27 A, max. 15 W	12 VDC ± 25%, 1.08 A, max. 13 W, Ø5.5 mm coaxial power plug PoE: (802.3at, Class 4, 42.5 V to 57 V), 0.36 A to 0.27 A, max. 15 W	12 VDC ± 25%, 1.08 A, max. 13 W, Ø5.5 mm coaxial power plug PoE: (802.3at, Class 4, 42.5 V to 57 V), 0.36 A to 0.27 A, max. 15 W	12 VDC ± 25%, 1.08 A, max. 13 W, Ø5.5 mm coaxial power plug PoE: (802.3at, Class 4, 42.5 V to 57 V), 0.36 A to 0.27 A, max. 15 W	12 VDC ± 25%, 1.08 A, max. 13 W, Ø5.5 mm coaxial power plug PoE: (802.3at, Class 4, 42.5 V to 57 V), 0.36 A to 0.27 A, max. 15 W	12 VDC ± 25%, 1.08 A, max. 13 W, Ø5.5 mm coaxial power plug PoE: (802.3at, Class 4, 42.5 V to 57 V), 0.36 A to 0.27 A, max. 15 W	12 VDC ± 25%, 1.08 A, max. 13 W, Ø5.5 mm coaxial power plug PoE: (802.3at, Class 4, 42.5 V to 57 V), 0.36 A to 0.27 A, max. 15 W

Model	DS-2CD372362-IZS	DS-2CD374362-IZS	DS-2CD376362-IZS	DS-2CD302160-I(UF)	DS-2CD305160-I(UF)
Image	 NEW	 NEW	 NEW	 NEW	 NEW
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920 × 1080	2688 × 1520	3200×1800	1920 × 1080	2560 × 1920
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON) 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON) 0 Lux with IR
WDR	120 dB	120 Db	120 dB	120 dB	120 dB
Lens	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm
FOV	horizontal FOV 107° to 32°, vertical FOV 56° to 18°, diagonal FOV 128° to 37°	horizontal FOV 102° to 31°, vertical FOV 55° to 18°, diagonal FOV 122° to 36°	2.7 to 13.5 mm, horizontal FOV 107° to 32°, vertical FOV 55° to 18°, diagonal FOV 128° to 37°	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 133° 4 mm, horizontal FOV 91°, vertical FOV 46°, diagonal FOV 109° 6 mm, horizontal FOV 56°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 99°, vertical FOV 72°, diagonal FOV 130° 4 mm, horizontal FOV 78°, vertical FOV 57°, diagonal FOV 100° 6 mm, horizontal FOV 49°, vertical FOV 36°, diagonal FOV 63°
Max. IR Range	40 m	40 m	40m	40 m	40 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 20 fps (3200 × 1800) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 20 fps (2560 × 1920), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1920), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Multi-Streaming	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	With -SF 256GB	With -SF 256GB	256GB	With -UF 256GB	With -UF 256GB
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	N/A	N/A
Alarm I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	N/A	N/A
Power Supply	12 VDC ± 25%, 0.88 A, max. 10.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection PoE: (802.3af, Class 3, 36 V to 57 V), 0.35 A to 0.22 A, max. 12.5 W	12 VDC ± 25%, 0.88 A, max. 10.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection PoE: (802.3af, Class 3, 36 V to 57 V), 0.35 A to 0.22 A, max. 12.5 W	12 VDC ± 25%, 0.88 A, max. 10.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection PoE: (802.3af, Class 3, 36 V to 57 V), 0.35 A to 0.22 A, max. 12.5 W	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W

Model	DS-2CD312160-I(SF)	DS-2CD315160-I(SF)	DS-2CD332160-IU(F)	DS-2CD335160-IU(F)	DS-2CD362160-I(ZS)
Image	 NEW	 NEW	 NEW	 NEW	 NEW
Image Sensor	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920 × 1080	2560 × 1920	1920 × 1080	2560 × 1920	1920 × 1080
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON) 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON) 0 Lux with IR	0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
WDR	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	Varifocal Lens, motorized lens, 2.7 to 13.5 mm
FOV	2.8 mm, horizontal FOV 111.6°, vertical FOV 59.3°, diagonal FOV 133.9° 4 mm, horizontal FOV 91.5°, vertical FOV 46.1°, diagonal FOV 109.8° 6 mm, horizontal FOV 56°, vertical FOV 29.8°, diagonal FOV 65.3°	2.8 mm, horizontal FOV 99°, vertical FOV 72°, diagonal FOV 130° 4 mm, horizontal FOV 78°, vertical FOV 57°, diagonal FOV 100° 6 mm, horizontal FOV 49°, vertical FOV 36°, diagonal FOV 63°	2.8 mm, horizontal FOV 111.6°, vertical FOV 59.3°, diagonal FOV 133.9° 4 mm, horizontal FOV 91.5°, vertical FOV 46.1°, diagonal FOV 109.8°	2.8 mm, horizontal FOV 99°, vertical FOV 72°, diagonal FOV 130° 4 mm, horizontal FOV 78°, vertical FOV 57°, diagonal FOV 100°	2.7 to 13.5 mm: horizontal FOV 94° to 36°, vertical FOV 50° to 20°, diagonal FOV 109° to 41°
Max. IR Range	40 m	40 m	40 m	40 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 20 fps (2560 × 1920), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1920), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 20 fps (2560 × 1920), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1920), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Multi-Streaming	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	With -SF 256GB	With -SF 256GB	256 GB	256 GB	256 GB
Audio I/O	With -SF model: 1 in, 1 out	With -SF model: 1 in, 1 out	N/A	N/A	1 in, 1 out
Alarm I/O	With -SF model: 1 in, 1 out	With -SF model: 1 in, 1 out	N/A	N/A	1 in, 1 out
Power Supply	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W







Model	DS-2CD365160-IZS	DS-2CD372160-IZS	DS-2CD375160-IZS	DS-2CD3T2160-IUF	DS-2CD3T5160-IUF
Image	 NEW	 NEW	 NEW	 NEW	 NEW
Image Sensor	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2560 × 1920	1920 × 1080	2560 × 1920	1920 × 1080	2560 × 1920
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR	0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
WDR	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	Varifocal Lens, motorized lens, 2.7 to 13.5 mm	Varifocal Lens, motorized lens, 2.7 to 13.5 mm	Varifocal Lens, motorized lens, 2.7 to 13.5 mm	2.8 mm, 4 mm, 6mm	2.8 mm, 4 mm, 6mm
FOV	2.7 to 13.5 mm: horizontal FOV 97° to 30°, vertical FOV 70° to 22°, diagonal FOV 128° to 37°	2.7 to 13.5 mm: horizontal FOV 98° to 38°, vertical FOV 52° to 21°, diagonal FOV 115° to 43°	2.7 to 13.5 mm: horizontal FOV 96° to 29°, vertical FOV 69° to 22°, diagonal FOV 131° to 37°	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 133° 4 mm, horizontal FOV 91°, vertical FOV 46°, diagonal FOV 109° 6 mm, horizontal FOV 56°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 99°, vertical FOV 72°, diagonal FOV 130° 4 mm, horizontal FOV 78°, vertical FOV 57°, diagonal FOV 100° 6 mm, horizontal FOV 49°, vertical FOV 36°, diagonal FOV 63°
Max. IR Range	60 m	40 m	40 m	60 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50 Hz: 20 fps (2560 × 1920), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1920), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 20 fps (2560 × 1920), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1920), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 20 fps (2560 × 1920), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1920), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Multi-Streaming	3	3	3	3	3
Protection Level	IP67	IP67, IK10	IP67, IK10	IP67	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	N/A	N/A
Alarm I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	N/A	N/A
Power Supply	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W	12 VDC ± 25%, 0.8 A, max. 10 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.33 A to 0.21 A, max. 12 W	12 VDC ± 25%, 0.8 A, max. 10 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.33 A to 0.21 A, max. 12 W	12 VDC ± 25%, 0.55 A, max. 6.5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.24 A to 0.14 A, max. 8.5 W	12 VDC ± 25%, 0.55 A, max. 6.5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.24 A to 0.14 A, max. 8.5 W

Special Series Network Cameras


Fits Anywhere, Monitors Everything



- > Covert design
- > Various lens options
- > Deep learning face capture or ANPR (optional)
- > Dual channels on one camera
- > Standalone security site with solar panels and 4G connectivity




Model	DS-2CD642561-10	DS-2CD642561-20	DS-2CD642561-30	DS-2CD644561-30	DS-2CD2D2561-D/NF	DS-2CD2D2561/M-D/NF
Image					 Dual-lens	
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	1920 × 1080	1920 × 1080	2560 × 1440	1920 × 1080	1920 × 1080
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON)	Color: 0.002 Lux @ (F1.2, AGC ON)	Color: 0.002 Lux @ (F1.2, AGC ON)	Color: 0.005 Lux @ (F1.2, AGC ON)	Color: 0.002 Lux @ (F1.2, AGC ON)	Color: 0.002 Lux @ (F1.2, AGC ON)
WDR	120 dB	120 dB	120 dB	120 Db	120 dB	120 dB
Lens	3.7 mm	2.8 or 3.7 mm	2.8 or 4.0 mm	-	2.8 mm: F2.5 3.7 mm: F2.5	2.8 mm: F2.0 4 mm: F2.0
FOV	3.7mm:horizontal FOV 75.5°	2.8mm:horizontal FOV 93.9° 3.7mm:horizontal FOV 75.5°	2.8mm:horizontal FOV 107.8° 4.0mm:horizontal FOV 82.8°	2.8 mm: horizontal FOV: 98°, vertical FOV: 53°, diagonal FOV: 115° 4 mm: horizontal FOV: 75°, vertical FOV: 41.5°, diagonal FOV: 88°	2.8 mm: horizontal FOV: 93.9°, vertical FOV: 51.7°, diagonal FOV: 109.3° 3.7 mm: horizontal FOV: 75.5°, vertical FOV: 41.6°, diagonal FOV: 87.3°	2.8 mm: horizontal FOV: 107.8°, vertical FOV: 57.9°, diagonal FOV: 126.7° 4 mm: horizontal FOV: 82.8°, vertical FOV: 45.1°, diagonal FOV: 98°
Max. IR Range	-	-	-	-	-	-
VCA	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Audio exception detection, defocus detection, scene change detection	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Audio exception detection, defocus detection, scene change detection	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Audio exception detection, defocus detection, scene change detection	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Audio exception detection, defocus detection, scene change detection	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Audio exception detection, defocus detection, scene change detection	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Audio exception detection, defocus detection, scene change detection
Frame Rate	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50 Hz: 50 fps (1920 × 1080, 1280 × 720) 60 Hz: 60 fps (1920 × 1080, 1280 × 720)	Main Stream 50 Hz: 50 fps (1920 × 1080, 1280 × 720) 60 Hz: 60 fps (1920 × 1080, 1280 × 720)
Multi-Streaming	3	3	3	3	3	3
Protection Level	-	-	-	-	-	-
Angle Adjustment	-	-	-	-	-	-
Operating Temperature	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	5%- 95%	5%- 95%	5%- 95%	5%- 95%	≤ 95%	≤ 95%
Local Storage	128 GB	128 GB	128 GB	128 GB	N/A	N/A
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in	1 in
Alarm I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	N/A	N/A
Installation	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Power Supply	12 VDC ± 20%, two-core terminal block, PoE: (802.3af, class 2)	12 VDC ± 20%, two-core terminal block, PoE: (802.3af, class 2)	12 VDC ± 20%, two-core terminal block, PoE: (802.3af, class 2)	12 VDC ± 20%, two-core terminal block, PoE: (802.3af, class 2)	12 VDC ± 20%	12 VDC ± 20%

Underwater Camera

Model	DS-2CD204561/M-D/NF
Image	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
Min. Illumination	Color: 0.005 Lux @ (F1.2, AGC ON)
WDR	120 dB
Lens	2.8 mm: F2.0 4 mm: F2.0
FOV	2.8 mm: horizontal FOV: 98°, vertical FOV: 53°, diagonal FOV: 115° 4 mm: horizontal FOV: 75°, vertical FOV: 41.5°, diagonal FOV: 88°
Max. IR Range	-
VCA	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Audio exception detection, defocus detection, scene change detection
Frame Rate	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Multi-Streaming	3
Protection Level	-
Angle Adjustment	-
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	≤ 95%
Local Storage	N/A
Audio I/O	1 in
Alarm I/O	N/A
Installation	Indoor
Power Supply	12 VDC ± 20%

Model	DS-2XC622460-L	DS-2XC622560-L
Image		
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	1920 × 1080
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON), 0.003 Lux @ (F2.0, AGC ON) B/W: 0.0002 Lux @ (F1.2, AGC ON), 0.0003 Lux @ (F2.0, AGC ON), 0 lux with white light	Color: 0.001 Lux @ (F1.2, AGC ON), 0.003 Lux @ (F2.0, AGC ON) B/W: 0.0001 Lux @ (F1.2, AGC ON), 0.0003 Lux @ (F2.0, AGC ON)
WDR	120 dB	120 dB
Lens	2.0 mm @ F2.2, 2.8 mm @ F1.6, 4 mm @ F1.6	2.0 mm @ F2.0, 2.8 mm @ F1.6, 4 mm @ F1.6
FOV	2.0 mm @ F2.2, horizontal FOV 127.6°, vertical FOV 74.5°, diagonal FOV 145.9° 2.8 mm @ F1.6, horizontal FOV 108°, vertical FOV 56.7°, diagonal FOV 121.4° 4 mm @ F1.6, horizontal FOV 82°, vertical FOV 43.8°, diagonal FOV 96.5°	2.0 mm @ F2.0, horizontal FOV 127.6°, vertical FOV 77°, diagonal FOV 151° 2.8 mm @ F1.6, horizontal FOV 103°, vertical FOV 58.5°, diagonal FOV 127° 4 mm @ F1.6, horizontal FOV 82°, vertical FOV 46°, diagonal FOV 103°
Max. White Light Range	10 m	10 m
VCA	N/A	N/A
Frame Rate	H.265/H.264 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	H.265/H.264 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Multi-Streaming	3	3
Protection Level	IP68	IP68
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	≤ 100%	≤ 100%
Local Storage	128 GB	128 GB
Audio I/O	-	-
Alarm I/O	-	-
Installation	-	-
Power Supply	36 VDC ± 20%, two-core terminal block, PoE (802.3at, class 3)	36 VDC ± 20%, two-core terminal block, PoE (802.3at, class 3)

Solar-powered Security Camera Setup

Model	DS-2XS6A8761-L/C32S80
Image	
Image Sensor	1/1.2" Progressive Scan CMOS
Max. Resolution	3840 × 2160
Video Compression	Main stream: H.265 Sub-stream: H.265/MJPEG * Full power mode: main stream supports H.265+
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0 Lux with white light
WDR	120 dB
Lens	Fixed focal lens, 2.8 and 4 mm optional
FOV	2.8 mm, horizontal FOV: 101.6°, vertical FOV: 52.4°, diagonal FOV: 124° 4 mm, horizontal FOV: 88.2°, vertical FOV: 48.7°, diagonal FOV: 101.8°
Max. IR Range	30 m
VCA	Line crossing detection, up to 4 regions configurable Intrusion detection, up to 4 regions configurable Region entrance detection, up to 4 regions configurable Region exiting detection, up to 4 regions configurable Unattended baggage detection, up to 4 regions configurable Object removal detection, up to 4 regions configurable, The smart events are only supported under full power mode.
Frame Rate	50 Hz: 12.5 fps (3840 × 2160, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 2688 × 1520, 1920 × 1080, 1280 × 720)
Multi-Streaming	2
Protection Level	IP67
Operating Temperature	Charging: -20 °C to 45 °C (-4 °F to 131 °F) Discharging: -20 °C to 60 °C (-4 °F to 140 °F)
Operating Humidity	≤ 95%
Local Storage	vBuilt-in memory card slot, support microSD card, up to 256 GB; Built-in 64 GB eMMC storage
Audio I/O	-
Alarm I/O	-
Installation	Outdoor
Power Supply	12 VDC ± 20%, Ø5.5 mm coaxial power plug 1. Standby power consumption: 53 mW 2. The average power consumption of 24 hours: 2 W (4G transmission is excluded). 3. The max. power consumption: 3.2 W

PTZ Dome Camera

031 Ultra Series

040 Special Series







Ultra Series PTZ Cameras





Great Innovation, Inside and Out





- > H.265+/H.265 codec
- > 4K ultra HD
- > ColorVu, DarkFighter, DarkFighterX technology
- > High resolution DarkFighter deep-learning-based target classification algorithm for Auto-Tracking 3.0 and perimeter protection
- > False alarm reduction
- > Face capture and ANPR
- > Image enhancement including rapid focus, P-Iris, 140 dB WDR, and extended IR
- > High zoom ratio & optical image stabilization (OIS)
- > Supports IK10 & IP67, wiper, anti-corrosion
- > Supports ONVIF, ISAPI, and CGI
- > Supports Hikvision SDK and third-party management platform









Model	DS-2DF9C245IHS-DLW	DS-2DF9C435IHS-DLW
Image	 DarkFighterX + Deep Learning	 DarkFighterX + Deep Learning
Image Sensor	Dual-sensor, 1/1.8" progressive scan CMOS	Dual-sensor, 1/1.8" progressive scan CMOS
Max. Resolution	1920 × 1080	2688 × 1512
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	5.9 to 265 mm, 45x optical	5.9 to 206 mm, 35x optical
Angle of View	Horizontal field of view: 58.9° to 1.7°(wide-tele) Vertical field of view: 35.3° to 0.9°(wide-tele) Diagonal field of view: 65.9° to 1.9° (wide-tele)	Horizontal field of view: 58.9° to 2.2°(wide-tele) Vertical field of view: 35.3° to 1.2°(wide-tele) Diagonal field of view: 65.9° to 2.5° (wide-tele)
Min. Illumination	Color: 0.0005 Lux @(F1.6, AGC ON)	Color: 0.0005 Lux @(F1.6, AGC ON)
WDR	140 dB	140 dB
Max. IR Range	500 m	500 m
VCA	Face Capture, Road Traffic, Auto tracking 3.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 3.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1512, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2688 × 1512, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3
Protection Level	IP 67 Standard. Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5	IP 67 Standard. Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5
Pan Range	360° endless	360° endless
Tilt Range	From -25° to 90°	From -25° to 90°
Pan Speed	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s
Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s
Operating Temperature	Outdoor: -40°C to 70°C (-40°F to 158°F)	Outdoor: -40°C to 70°C (-40°F to 158°F)
Humidity	≤ 95%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
Audio I/O	1/1	1/1
Alarm I/O	7/2	7/2
Power	36 VDC	36 VDC




Model	DS-2DF8225IH-AEL(W)	DS-2DF8225IX-AEL(W)(T5)
Image	 DarkFighterX + Deep Learning	 DarkFighter + Deep Learning
Image Sensor	2 × 1/2.8" progressive scan CMOS	1/1.8" progressive scan CMOS
Max. Resolution	1920 × 1080	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	4.8 to 120 mm, 25x optical	5.9 to 147.5 mm, 25x optical
Angle of View	Horizontal field of view: 58.2° to 3.2° (wide-tele) Vertical field of view: 32.7° to 1.8° (wide-tele) Diagonal field of view: 66.8° to 3.7° (wide-tele)	Horizontal field of view: 59.8° to 3.3° (wide-tele), Vertical field of view: 33.7° to 1.9° (wide-tele), Diagonal field of view: 65° to 3.8° (wide-tele)
Min. Illumination	Color: 0.0004 Lux @(F1.5, AGC ON)	Color: 0.002 Lux @(F1.5, AGC ON)
WDR	120 dB	140 dB
Max. IR Range	200 m	400 m
VCA	Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3
Protection Level	IP67 Standard. Lightning protection, surge protection and voltage transient protection meets IEC61000-4-2-2/3/4/5/6	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10(without wiper)
Pan Range	360° endless	360° endless
Tilt Range	From -20° to 90°	From -20° to 90°
Pan Speed	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s
Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s
Operating Temperature	Temperature: -40°C to 70°C (-40°F to 158°F)	Temperature: -40°C to 70°C (-40°F to 158°F)
Humidity	≤ 95%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
Audio I/O	1/1	1/1
Alarm I/O	7/2	7/2
Power	Without wiper: 24 VAC (Max. 68 W) , Hi-PoE (Max. 60 W) With Wiper: 24 VAC (Max. 70 W) , Hi-PoE (Max. 60 W)	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W)



Model	DS-2DF8242IX-AEL(W)(T5)	DS-2DF8425IX-AEL(W)(T5)	DS-2DF8442IXS-AEL(W)(T5)	DS-2DF8242ISX-AELW(T5)
Image	 DarkFighter + Deep Learning NEW	 DarkFighter + Deep Learning HOT	 DarkFighter + Deep Learning NEW	 DarkFighter + Deep Learning NEW
Image Sensor	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS
Max. Resolution	1920 × 1080	2560 × 1440	2560 × 1440	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	6.0 to 252 mm, 42x optical	5.9 to 147.5 mm, 25x optical	6.0 to 252 mm, 42x optical	6.0 to 252 mm, 42x optical
Angle of View	Horizontal field of view: 56.6° to 1.7° (wide-tele), Vertical field of view: 33.7° to 0.9° (wide-tele), Diagonal field of view: 63.4° to 1.9° (wide-tele)	Horizontal field of view: 59.8° to 3.3° (wide-tele), Vertical field of view: 33.7° to 1.9° (wide-tele), Diagonal field of view: 65° to 3.8° (wide-tele)	Horizontal field of view: 56.6° to 1.7° (wide-tele), Vertical field of view: 33.7° to 0.9° (wide-tele), Diagonal field of view: 63.4° to 1.9° (wide-tele)	Horizontal field of view: 56.6° to 1.7° (wide-tele), Vertical field of view: 33.7° to 0.9° (wide-tele), Diagonal field of view: 63.4° to 1.9° (wide-tele)
Min. Illumination	Color: 0.001 Lux @(F1.2, AGC ON)	Color: 0.002 Lux @(F1.5, AGC ON)	Color: 0.001 Lux @(F1.2, AGC ON)	Color: 0.001 Lux @(F1.2, AGC ON)
WDR	140 dB	140 dB	140 dB	140 dB
Max. IR Range	400 m	400 m	400 m	500 m
VCA	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Multi-target-type Detection (support face and human body capture, and output linked information), Face capture, Road Traffic, People Arming, Vehicle Arming, Auto tracking 3.0 (support tracking specified target types such as human and vehicle Note:ATK 3.0 will support in Q4), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920×1080, 1280 × 960, 1280×720) 60Hz: 30fps (2560 × 1440, 1920×1080, 1280 × 960, 1280×720)	50Hz: 25 fps(2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps(2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002), Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002), Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002), Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002), Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -20° to 90°	From -20° to 90°	From -20° to 90°	From -20° to 90°
Pan Speed	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s
Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s
Operating Temperature	Temperature: -40°C to 70°C (-40°F to 158°F)	Temperature: -40°C to 70°C (-40°F to 158°F)	Temperature: -40°C to 70°C (-40°F to 158°F)	Temperature: -40°C to 70°C (-40°F to 158°F)
Humidity	≤ 95%	≤ 95%	≤ 95%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	7/2	7/2	7/2	7/2
Power	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W)	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W)	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W)	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W)



Model	DS-2DF8A442IXS-AEL(T5)	DS-2DF8C260ISXS-AELW(T5)	DS-2DF8C448ISXS-AELW(T5)	DS-2DF8C848ISXS-AELW(T5)
Image	 DarkFighter + Deep Learning	 DarkFighter + Deep Learning	 DarkFighter + Deep Learning	 DarkFighter + Deep Learning
Image Sensor	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS
Max. Resolution	2560 × 1440	1920 × 1080	2560 × 1440	3840 × 2160
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	6.0 to 252 mm, 42x optical	6.0 to 360 mm, 60 × Optical	6.0 to 288 mm, 48 × Optical	6.0 to 288 mm, 48 × Optical
Angle of View	Horizontal field of view: 56.6° to 1.7° [wide-tele], Vertical field of view: 33.7° to 0.9° [wide-tele], Diagonal field of view: 63.4° to 1.9° [wide-tele]	Horizontal field of view: 60.0° to 2.0° [wide-tele], Vertical field of view: 35.8° to 1.2° [wide-tele], Diagonal field of view: 67.0° to 2.4° [wide-tele]	Horizontal field of view: 60.0° to 2.0° [wide-tele], Vertical field of view: 35.8° to 1.2° [wide-tele], Diagonal field of view: 67.0° to 2.4° [wide-tele]	Horizontal field of view: 60.0° to 2.0° [wide-tele], Vertical field of view: 35.8° to 1.2° [wide-tele], Diagonal field of view: 67.0° to 2.4° [wide-tele]
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON)	Color: 0.002 Lux @ (F1.5, AGC ON), B/W: 0.0002 Lux @ (F1.5, AGC ON)	Color: 0.002 Lux @ (F1.5, AGC ON), B/W: 0.0002 Lux @ (F1.5, AGC ON)	Color: 0.002 Lux @ (F1.5, AGC ON), B/W: 0.0002 Lux @ (F1.5, AGC ON)
WDR	140 dB	140 dB	140 dB	140 dB
Max. IR Range	500 m	500 m	500 m	500 m
VCA	Face capture, Face comparison, Road Traffic, People Arming, Vehicle Arming, Multi-target-type Detection (support face and human body capture, and output linked information),Auto tracking 3.0 (support tracking specified target types such as human and vehicle) Note:Red parts will support in Q4, Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face capture, Face comparison, Road Traffic, People Arming, Vehicle Arming, Multi-target-type Detection (support face and human body capture, and output linked information),Auto tracking 3.0 (support tracking specified target types such as human and vehicle) Note:Red parts will support in Q4, Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face capture, Face comparison, Road Traffic, People Arming, Vehicle Arming, Multi-target-type Detection (support face and human body capture, and output linked information),Auto tracking 3.0 (support tracking specified target types such as human and vehicle) Note:Red parts will support in Q4, Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face capture, Face comparison, Road Traffic, People Arming, Vehicle Arming, Multi-target-type Detection (support face and human body capture, and output linked information),Auto tracking 3.0 (support tracking specified target types such as human and vehicle) Note:Red parts will support in Q4, Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 24 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 24 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3
Protection Level	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6 kV Line to Gnd, ±3kV Line to Line, IK10 (IEC 62262:2002), IP67 (IEC 60529-2013)	IP67 (IEC 60529-2013), 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP67 (IEC 60529-2013), 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP67 (IEC 60529-2013), 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -20° to 90°	From -20° to 90°	From -20° to 90°	From -20° to 90°
Pan Speed	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s
Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s
Operating Temperature	Temperature: -40°C to 70°C (-40°F to 158°F)	Outdoor: -40°C to 70°C (-40°F to 158°F)	Outdoor: -40°C to 70°C (-40°F to 158°F)	Outdoor: -40°C to 70°C (-40°F to 158°F)
Humidity	≤ 95%	≤ 95%	≤ 95%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	support microSD/microSDHC/microSDXC cards, up to 256 GB	support microSD/microSDHC/microSDXC cards, up to 256 GB	support microSD/microSDHC/microSDXC cards, up to 256 GB
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	7/2	7/2	7/2	7/2
Power	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W)	24 VAC (Max. 62 W, including max. 12 W for IR and max. 8 W for heater), PoE 802.3 bt (Max. 51 W, including max. 12 W for IR and max. 8 W for heater)	24 VAC (Max. 62 W, including max. 12 W for IR and max. 8 W for heater), PoE 802.3 bt (Max. 51 W, including max. 12 W for IR and max. 8 W for heater)	24 VAC (Max. 62 W, including max. 12 W for IR and max. 8 W for heater), PoE 802.3 bt (Max. 51 W, including max. 12 W for IR and max. 8 W for heater)





Model	DS-2DF8C442IXS-AEL(T5)	DS-2DF8C842IXS-AEL(T5)	DS-2DF8C825IXS-AEL(T5)	DS-2DF8A842IXS-AEL(T5)
Image	 DarkFighter + Deep Learning NEW	 DarkFighter + Deep Learning NEW	 DarkFighter + Deep Learning NEW	 DarkFighter + Deep Learning NEW
Image Sensor	1/1.8" progressive scan CMOS	1/1.2" progressive scan CMOS	1/1.2" progressive scan CMOS	1/1.8" progressive scan CMOS
Max. Resolution	2560 × 1440	3840 × 2160	3840 × 2160	3840 × 2160
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	6.0mm to 252mm, 42 × Optical	7.5 mm to 315 mm, 42 × Optical	7.5 mm to 187.5 mm, 25 × Optical	6 mm to 252 mm, 42 × Optical
Angle of View	Horizontal field of view: 56.6° to 1.7° (wide-tele), Vertical field of view: 33.7° to 0.9° (wide-tele), Diagonal field of view: 63.4° to 1.9° (wide-tele)	Horizontal field of view: 60.4° to 1.7° (wide-tele), Vertical field of view: 36.2° to 0.9° (wide-tele), Diagonal field of view: 67.8° to 2.2° (wide-tele)	Horizontal field of view: 60.4° to 3.7° (wide-tele), Vertical field of view: 36.2° to 2.1° (wide-tele), Diagonal field of view: 67.8° to 4.3° (wide-tele)	Horizontal field of view: 56.6° to 1.7° (wide-tele), Vertical field of view: 33.7° to 0.9° (wide-tele), Diagonal field of view: 63.4° to 1.9° (wide-tele)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON), B/W: 0.0005 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.6, AGC ON), B/W: 0.0002 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.6, AGC ON), B/W: 0.0002 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.0005 Lux @ (F1.2, AGC ON), 0 Lux with IR
WDR	140 dB	140 dB	140 dB	140 dB
Max. IR Range	400 m	500 m	500 m	500 m
VCA	Face capture, Face comparison, Road Traffic, People Arming, Vehicle Arming, Multi-target-type Detection (support face and human body capture, and output linked information), Auto tracking 3.0 (support tracking specified target types such as human and vehicle) Note: Red parts will support in Q4, Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face capture, Face comparison, Road Traffic, People Arming, Vehicle Arming, Multi-target-type Detection (support face and human body capture, and output linked information), Auto tracking 3.0 (support tracking specified target types such as human and vehicle) Note: Red parts will support in Q4, Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face capture, Face comparison, Road Traffic, People Arming, Vehicle Arming, Multi-target-type Detection (support face and human body capture, and output linked information), Auto tracking 3.0 (support tracking specified target types such as human and vehicle) Note: Red parts will support in Q4, Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face capture, Face comparison, Road Traffic, People Arming, Vehicle Arming, Multi-target-type Detection (support face and human body capture, and output linked information), Auto tracking 3.0 (support tracking specified target types such as human and vehicle) Note: Red parts will support in Q4, Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 24 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 24 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 24 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002), 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP67 (IEC 60529-2013), 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002), 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6 kV Line to Gnd, ±3kV Line to Line, IK10 (IEC 62262:2002), IP67 (IEC 60529-2013)
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -20° to 90°	From -20° to 90°	From -20° to 90°	From -20° to 90°
Pan Speed	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s
Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s
Operating Temperature	Outdoor: -40°C to 70°C (-40°F to 158°F)	Outdoor: -40°C to 70°C (-40°F to 158°F)	Outdoor: -40°C to 70°C (-40°F to 158°F)	Outdoor: -40°C to 70°C (-40°F to 158°F)
Humidity	≤ 95%	≤ 95%	≤ 95%	≤ 95%
Local Storage	support microSD/microSDHC/microSDXC cards, up to 256 GB	support microSD/microSDHC/microSDXC cards, up to 256 GB	support microSD/microSDHC/microSDXC cards, up to 256 GB	support microSD/microSDHC/microSDXC cards, up to 256 GB
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	7/2	7/2	7/2	7/2
Power	24 VAC (Max. 60 W, including max. 18 W for IR and max. 6 W for heater), PoE 802.3 bt (Max. 50 W, including max. 18 W for IR and max. 6 W for heater)	24 VAC (Max. 62 W, including max. 12 W for IR and max. 8 W for heater), PoE 802.3 bt (Max. 51 W, including max. 12 W for IR and max. 8 W for heater)	24 VAC (Max. 62 W, including max. 12 W for IR and max. 8 W for heater), PoE 802.3 bt (Max. 51 W, including max. 12 W for IR and max. 8 W for heater)	24 VAC (Max. 60 W, including max. 18 W for IR and max. 6 W for heater), Hi-PoE (Max. 50 W, including max. 18 W for laser and max. 6 W for heater)





Model	DS-2DF7225IX-AEL(W)	DS-2DF7232IX-AEL(W)
Image	 DarkFighter + Deep Learning	 DarkFighter + Deep Learning
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Resolution	1920 × 1080	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	4.8 to 120 mm, 25x optical	4.8 to 153 mm, 32x optical
Angle of View	Horizontal field of view: 58.4° to 2.7° (wide-tele) Vertical field of view: 33.8° to 1.5° (wide-tele) Diagonal field of view: 65.6° to 3.1° (wide-tele)	Horizontal field of view: 58.4° to 2.14° (wide-tele) Vertical field of view: 33.8° to 1.2° (wide-tele) Diagonal field of view: 65.6° to 2.46° (wide-tele)
Min. Illumination	Color: 0.002 Lux @(F1.2, AGC ON)	Color: 0.002 Lux @(F1.2, AGC ON)
WDR	120 dB	120 dB
Max. IR Range	300 m	300 m
VCA	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3
Protection Level	IP66 Standard	IP66 Standard
Pan Range	360° endless	360° endless
Tilt Range	From -15° to 90°	From -15° to 90°
Pan Speed	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s
Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s
Operating Temperature	Temperature: -40°C to 70°C [-40°F to 158°F]	Temperature: -40°C to 70°C [-40°F to 158°F]
Humidity	≤ 95%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
Audio I/O	1/1	1/1
Alarm I/O	7/2	7/2
Power	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W)	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W)

Model	DS-2DF6A225X-AEL(T5)	DS-2DF6A436X-AEL(T5)	DS-2DF6A836X-AEL(T5)
Image	 DarkFighter + Deep Learning	 DarkFighter + Deep Learning	 DarkFighter + 4K
Image Sensor	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS
Resolution	1920 × 1080	2560 × 1440	3840 × 2160
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	5.9 to 147.5 mm, 25x optical zoom	6.0 to 216 mm, 36x optical zoom	6.0 mm to 216 mm, 36× Optical
Angle of View	Horizontal field of view: 59.8° to 3.3° (wide-tele), Vertical field of view: 33.7° to 1.9° (wide-tele), Diagonal field of view: 65° to 3.8° (wide-tele)	Horizontal field of view: 56.6° to 2.0° (wide-tele), Vertical field of view: 33.7° to 1.2° (wide-tele), Diagonal field of view: 63.4° to 2.3° (wide-tele)	Horizontal field of view: 56.6° to 1.7° (wide-tele), Vertical field of view: 33.7° to 0.9° (wide-tele), Diagonal field of view: 63.4° to 1.9° (wide-tele)
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON)	Color: 0.002 lux @ (F1.2, AGC ON)	Color: 0.005 lux @ (F1.5, AGC ON)
WDR	140 dB	140 dB	140 dB
Max. IR Range	-	-	-
VCA	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920×1080, 1280 × 960, 1280×720) 60Hz: 30fps (2560 × 1440, 1920×1080, 1280 × 960, 1280×720)	50 Hz: 25 fps (3840 × 2160, 2560×1440, 1920×1080, 1280×960, 1280×720) 60 Hz: 24 fps (3840 × 2160, 2560×1440, 1920×1080, 1280×960, 1280×720)
Streams	3	3	3
Protection Level	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6 kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10	IP67 Standard, IK10, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless
Tilt Range	From -20° to 90° (auto flip)	From -20° to 90° (auto flip)	From -20° to 90° (auto flip)
Pan Speed	Configurable, from 0.1°/s to 300°/s, preset speed: 540°/s	Configurable, from 0.1°/s to 300°/s, preset speed: 540°/s	Configurable, from 0.1°/s to 350°/s, preset speed: 540°/s
Tilt Speed	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s
Operating Temperature	Temperature: -40°C to 70°C [-40°F to 158°F]	Temperature: -40°C to 70°C [-40°F to 158°F]	-40°C to 70°C [-40°F to 158°F]
Humidity	≤ 90%	≤ 90%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1	1/1	1/1
Alarm I/O	7/2	7/2	7/2
Power	24 VAC (Max. 45 W) , Hi-PoE (Max. 50 W)	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W)	24 VAC (Max. 45 W) , Hi-PoE (Max. 50 W)

Model	DS-2DF5225X-AEL(3)(T5)	DS-2DF5232X-AEL(3)(T5)
Image	 DarkFighter + Deep Learning	 DarkFighter + Deep Learning
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Resolution	1920 × 1080	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	4.8 to 120 mm, 25x optical	4.8 to 153 mm, 32x optical
Angle of View	Horizontal field of view: 58.4° to 2.7° (wide-tele) Vertical field of view: 33.8° to 1.5° (wide-tele) Diagonal field of view: 65.6° to 3.1° (wide-tele)	Horizontal field of view: 58.4° to 2.14° (wide-tele) Vertical field of view: 33.8° to 1.2° (wide-tele) Diagonal field of view: 65.6° to 2.46° (wide-tele)
Min. Illumination	Color: 0.002 lux @ (F1.2, AGC ON)	Color: 0.002 lux @ (F1.2, AGC ON)
WDR	120 dB	120 dB
Max. IR Range	-	-
VCA	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3
Protection Level	IP66 Standard (Outdoor), IK10	IP66 Standard (Outdoor), IK10
Pan Range	360° endless	360° endless
Tilt Range	From -15° to 90° (Auto flip)	From -15° to 90° (Auto flip)
Pan Speed	Configurable, from 0.1°/s to 300°/s, Preset Speed: 540°/s	Configurable, from 0.1°/s to 300°/s, Preset Speed: 540°/s
Tilt Speed	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s
Operating Temperature	Outdoor model: -40°C to 70°C (-40°F to 158°F) Indoor model: -10°C to 50°C (14°F to 122°F)	Outdoor model: -40°C to 70°C (-40°F to 158°F) Indoor model: -10°C to 50°C (14°F to 122°F)
Humidity	≤ 95%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1	1/1
Alarm I/O	7/2	7/2
Power	Outdoor model: 24 VAC (Max. 60 W) , Hi-PoE (Max. 40 W) Indoor model: 24 VAC (Max. 25 W) , Hi-PoE (Max. 25 W)	Outdoor model: 24 VAC (Max. 60 W) , Hi-PoE (Max. 40 W) Indoor model: 24 VAC (Max. 25 W) , Hi-PoE (Max. 25 W)

Model	DS-2DE7225IW-AE(S6)	DS-2DE7232IW-AE(S6)
Image		 HOT
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Resolution	1920 × 1080	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	4.8 to 120 mm, 25x optical	4.8 to 153 mm, 32x optical
Angle of View	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 55.6° to 2.04° (Wide-Tele) Vertical field of view: 32.4° to 1.14° (Wide-Tele) Diagonal field of view: 63° to 2.34° (Wide-Tele)
Min. Illumination	Color: 0.005 lux @ (F1.6, AGC ON)	Color: 0.005 lux @ (F1.6, AGC ON)
WDR	120 dB	120 dB
Max. IR Range	200 m	200 m
VCA	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3
Protection Level	IP66 Standard, IK10 (excluding glass window), 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, IK10 (excluding glass window), 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless
Tilt Range	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s
Tilt Speed	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
Audio I/O	1/1	1/1
Alarm I/O	2/1	2/1
Power	24 VAC, PoE (802.3at) Max. 24 W, including max. 1.6 W for heater and 12 W for IR	24 VAC, PoE (802.3at) Max. 24 W, including max. 1.6 W for heater and 12 W for IR

Model	DS-2DE7A232MW-AE(S5)	DS-2DE7A245IX-AE/S1	DS-2DE7425IW-AE(S6)	DS-2DE7A225IW-AEB(T5)
Image	 NEW	 NEW		
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Resolution	1920 × 1080	1920 × 1080	2560 × 1440	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	4.8 to 153 mm, 32x optical	4 to 180 mm, 45x optical	4.8 to 120 mm, 25x optical	4.8 to 120 mm, 25x optical
Angle of View	Horizontal field of view: 58.4° to 2.14° (wide-tele), Vertical field of view: 33.8° to 1.2° (wide-tele), Diagonal field of view: 65.6° to 2.46° (wide-tele)	Horizontal field of view: 70.3° to 1.8° (Wide-Tele) Vertical field of view: 42.2° to 1.0° (Wide-Tele) Diagonal field of view: 78.3° to 2.1° (Wide-Tele)	Horizontal field of view: 55° to 2.4° (Wide-Tele) Vertical field of view: 33° to 1.4° (Wide-Tele) Diagonal field of view: 61.5 to 2.8° (Wide-Tele)	Horizontal field of view: 57.6° to 2.5° (wide-tele), Vertical field of view: 34.4° to 1.4° (wide-tele), Diagonal field of view: 64.5° to 2.9° (wide-tele)
Min. Illumination	Color: 0.001 Lux @(F1.2, AGC ON)	Color: 0.005 lux @(F1.6, AGC ON)	Color: 0.005 lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0.001 Lux@(F1.6, AGC ON), 0 Lux with IR
WDR	120 dB	120 dB	120 dB	120 dB
Max. IR Range	200 m	200 m	200 m	200 m
VCA	Face Capture, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Face Capture, Intrusion detection, line crossing detection(Support alarm triggering by specified target types (human and vehicle)), region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP66, IK10 (excluding glass window), 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 (IEC 60529-2013), IK10 (excluding glass window), TVS 6000V lightning protection, surge protection and voltage transient protection
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto Flip)	From -15° to 90° (Auto Flip)
Pan Speed	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s
Tilt Speed	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s
Operating Temperature	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	support microSD/microSDHC/microSDXC cards, up to 256 GB
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	2/1	2/1	2/1	2/1
Power	24 VAC & Hi-PoE, Max.: 42 W (IR Max. 18 W)	24 VAC & Hi-PoE, Max.: 40 W (IR Max.16 W)	24 VAC, PoE (802.3at) Max. 24 W, including max. 1.6 W for heater and 12 W for IR	24 VAC, max. 42 W (including max. 18 W for IR and max. 10 W for heater); Hi-PoE






Model	DS-2DE7A232IW-AEB(T5)	DS-2DE7A425IW-AEB(T5)	DS-2DE7A432IW-AEB(T5)	DS-2DE7A825IW-AEB(T5)
Image				
Image Sensor	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS
Resolution	1920 × 1080	2560 × 1440	2560 × 1440	3840 × 2160
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	4.8 mm to 153 mm, 32x optical	4.8 mm to 120 mm, 25x optical	5.9 mm to 188.8 mm, 32x optical	5.9mm to 147.5 mm, 25x optical
Angle of View	Horizontal field of view: 50.8° to 2.6° (wide-tele), Vertical field of view: 29.4° to 1.5° (wide-tele), Diagonal field of view: 57.4° to 3° (wide-tele)	Horizontal field of view: 50.8° to 2.6° (wide-tele), Vertical field of view: 29.4° to 1.5° (wide-tele), Diagonal field of view: 57.4° to 3° (wide-tele)	Horizontal field of view: 50.8° to 2.6° (wide-tele), Vertical field of view: 29.4° to 1.5° (wide-tele), Diagonal field of view: 57.4° to 3° (wide-tele)	Horizontal field of view: 50.8° to 2.6° (wide-tele), Vertical field of view: 29.4° to 1.5° (wide-tele), Diagonal field of view: 57.4° to 3° (wide-tele)
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux@(F1.6, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux@(F1.6, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux@(F1.6, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux@(F1.6, AGC ON), 0 Lux with IR
WDR	120 dB	120 dB	120 dB	120 dB
Max. IR Range	200 m	200 m	200 m	200 m
VCA	Face Capture, Intrusion detection, line crossing detection(Support alarm triggering by specified target types (human and vehicle)), region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception	Face Capture, Intrusion detection, line crossing detection(Support alarm triggering by specified target types (human and vehicle)), region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception	Face Capture, Intrusion detection, line crossing detection(Support alarm triggering by specified target types (human and vehicle)), region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception	Face Capture, Intrusion detection, line crossing detection(Support alarm triggering by specified target types (human and vehicle)), region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception
Frame Rate	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 24 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP66 (IEC 60529-2013), IK10 (excluding glass window), TVS 6000V lightning protection, surge protection and voltage transient protection	IP66 (IEC 60529-2013), IK10 (excluding glass window), TVS 6000V lightning protection, surge protection and voltage transient protection	IP66 (IEC 60529-2013), IK10 (excluding glass window), TVS 6000V lightning protection, surge protection and voltage transient protection	IP66 (IEC 60529-2013), IK10 (excluding glass window), TVS 6000V lightning protection, surge protection and voltage transient protection
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -15° to 90° (Auto Flip)	From -15° to 90° (Auto Flip)	From -15° to 90° (Auto Flip)	From -15° to 90° (Auto Flip)
Pan Speed	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s
Tilt Speed	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s
Operating Temperature	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	support microSD/microSDHC/microSDXC cards, up to 256 GB	support microSD/microSDHC/microSDXC cards, up to 256 GB	support microSD/microSDHC/microSDXC cards, up to 256 GB	support microSD/microSDHC/microSDXC cards, up to 256 GB
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	2/1	2/1	2/1	2/1
Power	24 VAC, max. 42 W (including max. 18 W for IR and max. 10 W for heater); Hi-PoE	24 VAC, max. 42 W (including max. 18 W for IR and max. 10 W for heater); Hi-PoE	24 VAC, max. 42 W (including max. 18 W for IR and max. 10 W for heater); Hi-PoE	24 VAC, max. 42 W (including max. 18 W for IR and max. 10 W for heater); Hi-PoE

Special Series PTZ Cameras




Great Innovation, Inside and Out



- › Up to 2560 x 1440 resolution
- › H.265+ / H.265 codec
- › DarkFighter Technology
- › False alarm reduction through human and vehicle target classification based on AcuSense technology
- › More zoom ratio options – 20x / 25x / 36x / 40x / 50x / 100x
- › Supplemental light options – IR (up to 200 m in distance), Laser (up to 3,000 m in distance)
- › Supports IP66, wiper
- › Supports ONVIF, ISAPI, and CGI
- › Supports Hikvision SDK and third-party management platform



Model	DS-2DYH2A0IXS-D(T2)	DS-2DY9240IX-A(T5)	DS-2DY9250IAX-A(T5)	DS-2DY9250X-A(T5)	DS-2DY7236IX-A(T5)
Image					
Image Sensor	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	10 mm to 1000 mm, 100 × optical	6.0 mm to 240 mm, 40 × optical	6.0 mm to 300 mm, 50 × optical	6.0 mm to 300 mm, 50 × optical	4.6-165.6 mm, 36 × optical
Angle of View	Horizontal field of view: 31.2° to 0.4° (wide-tele) Vertical field of view: 17.8° to 0.2° (wide-tele) Diagonal field of view: 35.5° to 0.5° (wide-tele)	Horizontal field of view: 59.0 to 1.8° (wide-tele) Vertical field of view: 33.7° to 1.1° (wide-tele) Diagonal field of view: 63.4° to 2.1° (wide-tele)	Horizontal field of view: 56.6° to 1.4° (wide-tele) Vertical field of view: 33.7° to 0.9° (wide-tele) Diagonal field of view: 63.4° to 1.6° (wide-tele)	Horizontal field of view: 56.6° to 1.4° (wide-tele) Vertical field of view: 33.7° to 0.9° (wide-tele) Diagonal field of view: 63.4° to 1.6° (wide-tele)	55° to 2.0° (Wide-Tele)
Min. Illumination	Color: 0.005 Lux @ (F3.0, AGC ON) B/W: 0.0005 Lux @ (F3.0, AGC ON), 0 Lux with laser	color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005 Lux @(F1.2, AGC ON), B/W: 0.001 Lux @(F1.2, AGC ON), 0 Lux with Laser	B/W: 0.001 Lux @ (F1.2, AGC ON), color: 0.005 Lux @ (F1.2, AGC ON)	color: 0.05 Lux @ (F1.6, AGC ON), B/W: 0.01 Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	N/A	140 dB	140 dB	140 dB	120 dB
Max. IR Range	3000 m	400 m	1000 m	N/A	150 m
VCA	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage detection, Object Removal Detection	Face capture, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Face capture, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Face capture, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Face capture, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection
Frame Rate	50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	IP66 Standard, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360°	360°	360°	360°	360° endless
Tilt Range	-45° to 45° (auto flip)	+40° to -90°	+40° to -90°	+40° to -90°	From -40° to 90°
Pan Speed	pan speed: configurable from 0.1°-40°/s	pan speed: configurable from 0.1° to 120°/s; preset speed: 120°/s	pan speed: configurable from 0.1° to 120°/s; preset speed: 120°/s	pan speed: configurable from 0.1° to 120°/s; preset speed: 120°/s	Configurable, from 0.1°/s to 100°/s, Preset speed: 100°/s
Tilt Speed	tilt speed: configurable from 0.1°-20°/s	tilt speed: configurable from 0.1° to 50°/s, preset speed 50°/s	tilt speed: configurable from 0.1° to 50°/s, preset speed 50°/s	tilt speed: configurable from 0.1° to 50°/s, preset speed 50°/s	Configurable, from 0.1°/s to 50°/s Preset Speed: 100°/s
Operating Temperature	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)
Humidity	≤ 95%	≤ 95%	≤ 95%	≤ 95%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1	1/1
Alarm I/O	7/2	7/2	7/2	7/2	7/2
Power	DC48V, 6.67 A, 320 W max	24 VAC	24 VAC	24 VAC	24 VAC Max.: 55 W

Model	DS-2DY5225IX-AE(T5)	DS-2DY5225IX-DM(T5)	DS-2DY3220IW-DE(4)(S6)	DS-2DY3420IW-DE(4)(S6)
Image				
Image Sensor	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/2.8" progressive scan CMOS	1/2.8" progressive scan CMOS
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	2560 × 1440
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	5.9-147.5 mm, 25 × optical	5.9-147.5 mm, 25 × optical	4.7 to 94 mm, 20x optical	4.7 to 94 mm, 20x optical
Angle of View	Horizontal FOV: 55.4° to 2.1° (wide-tele), Vertical FOV: 32.4° to 1.2° (wide-tele), Diagonal FOV: 62° to 3.3° (wide-tele)	Horizontal FOV: 55.4° to 2.1° (wide-tele), Vertical FOV: 32.4° to 1.2° (wide-tele), Diagonal FOV: 62° to 3.3° (wide-tele)	Horizontal FOV 54.9° to 2.7°, vertical FOV 31.5° to 1.5°, diagonal FOV 62.3° to 3.1°	Horizontal FOV 53.3° to 2.6°, vertical FOV 30.6° to 1.5°, diagonal FOV 60.5° to 3°
Min. Illumination	color: 0.005 Lux @ (F1.5, AGC ON), B/W: 0.001 Lux @ (F1.5, AGC ON), 0 Lux with IR	color: 0.005 Lux @ (F1.5, AGC ON), B/W: 0.001 Lux @ (F1.5, AGC ON), 0 Lux with IR	Color: 0.005 lux @ (F1.6, AGC ON)	Color: 0.005 lux @ (F1.6, AGC ON)
WDR	120 dB	120 dB	120 dB	120 dB
Max. IR Range	250 m	250 m	50 m	50 m
VCA	Face capture, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Face capture, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Face detection, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection
Frame Rate	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720);	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720, 1280 × 960); 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720, 1280 × 960)
Streams	3	3	3	3
Protection Level	IP66, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	From +90° to -90° (auto flip)	From +90° to -90° (auto flip)	From -40° to 30°	From -40° to 30°
Pan Speed	Configurable, from 0.1°/s to 150°/s, Preset speed: 150°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.5°/s to 60°/s. Preset speed: 60°/s	Configurable, from 0.5°/s to 60°/s. Preset speed: 60°/s
Tilt Speed	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.1°/s to 40°/s Preset Speed: 40°/s	Configurable, from 0.5°/s to 50°/s Preset speed: 50°/s	Configurable, from 0.5°/s to 50°/s Preset speed: 50°/s
Operating Temperature	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 95%	≤ 95%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support MicroSD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support MicroSD/SDHC/SDXC, up to 256 GB
Audio I/O	1/1	N/A	1/1	1/1
Alarm I/O	7/2	N/A	1/1	1/1
Power	24 VAC & Hi-PoE Max.: 45 W	*12 VDC & PoE(802.3at) Max.: 45 W*	12 VDC, 1.6 A and PoE (802.3at), 42.5 to 57 VDC, 0.6 A, Class4 Max. 19 W, including max. 9.2 W for IR	12 VDC, 1.6 A and PoE (802.3at), 42.5 to 57 VDC, 0.6 A, Class4 Max. 19 W, including max. 9.2 W for IR

Model	IDS-2SR8141XS-AB(40X) (T2)	IDS-2SK8144IXS-D/J
Image	 	
Image Sensor	1/1.8" progressive scan CMOS	[Panoramic channel]: 1/1.8" progressive scan CMOS, [PTZ channel]: 1/1.8" progressive scan CMOS
Resolution	2560 × 1440	2560 × 1440
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	6.0 mm to 240 mm, 40 × Optical	[Panoramic channel]: 2.8 to 12 mm; [PTZ channel]: 6.0 to 240 mm
Angle of View	Horizontal field of view: 59.0° to 1.8° (wide-tele) Vertical field of view: 34.2° to 1.0° (wide-tele) Diagonal field of view: 67° to 2.0° (wide-tele)	[Panoramic channel]: 90° to 34.5°; [PTZ channel]: 56.6° to 1.8°
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON); B/W: 0.0002 Lux @ (F1.2, AGC ON), 0 Lux with IR	[Panoramic channel]: Color: 0.002 Lux @ (F1.4, AGC ON), B/W: 0.0002 Lux @ (F1.4, AGC ON), 0 Lux with IR; [PTZ channel]: Color: 0.002 Lux @ (F1.2, AGC ON), B/W: 0.0002 Lux @ (F1.2, AGC ON), 0 Lux with IR
WDR	140 dB	140 dB
Max. IR Range	200 m	[Panoramic channel]: up to 50 m; [PTZ channel]: up to 500 m
VCA	Manual tracking, panorama tracking, event tracking, support patrol tracking among multiple detection scenes, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection. Radar events including line crossing detection and intrusion detection. Detected target is tracked and captured by PTZ camera channel. Video double checks radar detected targets to improve detection accuracy.	Person arming: supports real-time modeling and comparison, arms and tracks predefined persons, and uploads the longitude and latitude information of the target during tracking Vehicle arming: supports vehicle detection and license plate recognition, arms and tracks predefined vehicles, and uploads the longitude and latitude information of the target during tracking Smart event: The panoramic channel arms the predefined area. When it detects a target, the PTZ channel is linked to track the target and trigger alarm. Tracking capture: Tracking can be linked to white light and warning from speaker. The features of the target can be abstracted and uploaded Tracking takeover: When the target gets out of the panoramic channel view, the PTZ channel goes on to track the target in a larger area Multi-target-type detection: supports human face and body detection and captured picture uploading on both camera channels Road traffic: supports vehicle detection, license plate recognition, and captured picture uploading on both camera channels intrusion detection, line crossing detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 50fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25/50 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30/60 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3
Protection Level	IP67 Standard, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	-
Pan Range	360° endless	[panoramic channel] 0-90°, [PTZ channel] 0-360°
Tilt Range	-20° to 90° (auto flip)	[panoramic channel] -5° to 30°, [PTZ channel] -20° to 90°
Pan Speed	Configurable from 0.1° to 210°/s; preset speed: 280°/s	[panoramic channel] pan speed: configurable from 0.1° to 20°/s; [PTZ channel] pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s
Tilt Speed	Configurable from 0.1° to 150°/s, preset speed 250°/s	[panoramic channel] tilt speed: configurable from 0.1° to 20°/s; [PTZ channel] tilt speed: configurable from 0.1° to 150°/s, preset speed 150°/s
Operating Temperature	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)
Humidity	≤ 95%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR
Audio I/O	1/1	1/1
Alarm I/O	7/2	7/2
Power	24 VAC (Max. 60 W)	36 VDC Max. 90W

Model	DS-2SE7C124IW-AE(32x/4)(SS)	DS-2SE7C144IW-AE(32x/4)(SS)
Image		
Image Sensor	[panoramic channel]: 1/2.8" Progressive Scan CMOS; [PTZ channel]: 1/2.8" progressive scan CMOS	[panoramic channel]: 1/2.8" Progressive Scan CMOS; [PTZ channel]: 1/2.8" progressive scan CMOS
Resolution	2560 × 1440	[Panoramic channel]: 2560 × 1440; [PTZ channel]: 2560 × 1440
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	[panoramic channel]: 4 mm; [PTZ channel]: 4.8 to 153 mm, 32 ×	[Panoramic channel]: 4 mm; [PTZ channel]: 5.9 to 188.8 mm, 32 × optical
Angle of View	[panoramic channel]: Horizontal field of view: 79°, Vertical field of view: 42.4°; [PTZ channel]: Horizontal field of view: 58.4° to 2.14° (wide-tele), Vertical field of view: 33.8° to 1.2° (wide-tele), Diagonal field of view: 65.6° to 2.46° (wide-tele)	[Panoramic channel]: Horizontal field of view: 79°, Vertical field of view: 42.4°; [PTZ channel]: Horizontal field of view: 60.2° to 2.3° (wide-tele)
Min. Illumination	[PTZ channel]: Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.001 Lux @ (F1.2, AGC ON); [panoramic channel]: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR	[PTZ channel]: Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.001 Lux @ (F1.2, AGC ON); [panoramic channel]: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	120 dB	120 dB
Max. IR Range	150 m	150 m
VCA	Support detecting up to 5 faces at the same time. Support detecting, tracking, capturing, grading, selecting of face in motion, and output the best face picture of the face motion detection, alarm input, alarm output, exception intrusion detection, line crossing detection, region entrance detection, region exiting detection, audio exception detection Support alarm triggering by specified target types (human and vehicle)	Support detecting up to 5 faces at the same time. Support detecting, tracking, capturing, grading, selecting of face in motion, and output the best face picture of the face motion detection, alarm input, alarm output, exception intrusion detection, line crossing detection, region entrance detection, region exiting detection, audio exception detection Support alarm triggering by specified target types (human and vehicle)
Frame Rate	[panoramic channel]: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) [PTZ channel]: 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	[Panoramic channel]: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) [PTZ channel]: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3
Protection Level	IP66 Standard, IK10 (excluding glass window), 6000 V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, IK10 (excluding glass window), 6000 V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless
Tilt Range	-15° to 90°(auto flip)	-15° to 90°(auto flip)
Pan Speed	pan speed: configurable from 0.1° to 160°/s; preset speed: 240°/s	pan speed: configurable from 0.1° to 160°/s; preset speed: 240°/s
Tilt Speed	tilt speed: configurable from 0.1° to 120°/s, preset speed 200°/s	tilt speed: configurable from 0.1° to 120°/s, preset speed 200°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F),	-30°C to 65°C (-22°F to 149°F),
Humidity	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR
Audio I/O	1/1	1/1
Alarm I/O	2/1	2/1
Power	24 VAC, Hi-PoE	24 VAC, Hi-PoE

Panoramic Camera

046 PanoVu Series

050 Fisheye Series




PanoVu Series






From Expansive Scenes to Detailed Close-Ups

- > 360° / 270° / 180° image stitching
- > Multiple display modes
- > F1.0 super large aperture (ColorVu technology)
- > Face capture (PTZ PanoVu only)
- > Augmented Reality
- > Saves labor costs and IP address costs







Model	DS-2PT3326IZ-DE3	DS-2PT3122IZ-DE3	DS-2PT3306IZ-DE3	DS-2PT5326IZ-DE
Image	 PanoVu	 PanoVu	 PanoVu	 PanoVu
Image Sensor	Fixed: 3×1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan CMOS	Fixed: 1×1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan CMOS	3×1/2.8" progressive scan CMOS	Fixed: 3×1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan CMOS
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Video Compression	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG
Min. Illumination	Color: 0.05 lux @ (F2.0, AGC ON)	Color: 0.05 lux @ (F2.0, AGC ON)	Color: 0.05 lux @ (F2.0, AGC ON)	Color: 0.005 lux @ (F1.6, AGC ON)
WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Lens	Fixed: 2 mm PTZ: 2.8-12 mm	Fixed: 2 mm PTZ: 2.8-12 mm	2 mm	Fixed: 4 mm PTZ: 5-50 mm
FOV	Fixed: Horizontal field of view: 128.5° Vertical field of view: 75.7° Diagonal field of view: 144° PTZ cam: Horizontal field of view: 120° to 56.6° (wild-tele) Vertical field of view: 61.8° to 31.7° (wild-tele) Diagonal field of view: 149° to 65° (wild-tele)	Panoramic cam: Horizontal field of view: 128.5° Vertical field of view: 75.7° Diagonal field of view: 144° PTZ cam: Horizontal field of view: 120° to 56.6° (wild-tele) Vertical field of view: 61.8° to 31.7° (wild-tele) Diagonal field of view: 149° to 65° (wild-tele)	Horizontal field of view: 128.5° × 3 Vertical field of view: 75.7°	Panoramic cam: Horizontal field of view: 80.7° × 3 Vertical field of view: 43.5° PTZ cam: Horizontal field of view: 58.6° to 6.4° (wide - tele)
Optical Zoom	PTZ: 4x	PTZ: 4x	-	PTZ: 10x
Max. IR Range	10 m	10 m	10 m	Panoramic cam: 30 m PTZ cam: 50 m
VCA	Audio Exception Detection, Intrusion Detection, Line Crossing Detection, motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection, motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection, motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection, motion detection
Frame Rate	50Hz: 25fps (1920×1080, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×720, 704×480, 640×480, 352×240)	50Hz: 25fps (1920×1080, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×720, 704×480, 640×480, 352×240)	50 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920×1080, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×720, 704×480, 640×480, 352×240)
Streams	2	2	2	2
Protection Level	-	-	IP66	IP66
Operating Temperature	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)	-30°C to 65°C (-22°F to 149°F), with heater on
Humidity	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)
Local Storage	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
Indoor/Outdoor	Indoor	Indoor	Indoor	Outdoor
Audio I/O	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.
Alarm I/O	-	-	-	1-ch alarm input and 1-ch alarm output
Power	12 VDC (Max.24 W), PoE+ (Max. 25 W), IR Max. 6 W	12 VDC (Max.19 W), PoE+ (Max. 20 W), IR Max. 2 W	12 VDC & PoE+ (802.3 at, class 4) Max.20 W (Max. 6 W for IR)	12 VDC & PoE+ (802.3 at, class 4) Max.27 W (Max. 9 W for IR)

Model	Datasheet of DS-2DP1618ZIXS-DE_440(F0)(P4)	Datasheet of DS-2DP2427ZIXS-DE_440(F0)(P4)	Datasheet of DS-2DP3236ZIXS-D_440(F0)(P4)	DS-2DP0818ZIXS-DE/440(F0)(P4)	DS-2DP6436ZIXS-D/836(F0)(P4)
Image					
Image Sensor	[Panoramic channel]: 1/1.8" progressive scan CMOS, [PTZ channel]: 1/1.8" progressive scan CMOS	[Panoramic channel]: 1/1.8" progressive scan CMOS, [PTZ channel]: 1/1.8" progressive scan CMOS	[Panoramic channel]: 1/1.8" progressive scan CMOS, [PTZ channel]: 1/1.8" progressive scan CMOS	[Panoramic channel]: 1/1.8" progressive scan CMOS, [PTZ channel]: 1/1.8" progressive scan CMOS	[Panoramic channel]: 1/1.8" progressive scan CMOS, [PTZ channel]: 1/1.8" progressive scan CMOS
Resolution	5520 × 2400	8160 × 2400	5520 × 2400	4096 × 1800	8160*3616
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG
Min. Illumination	[Panoramic channel] Color: 0.0005 Lux (F1.0, AGC ON), B/W: 0.0001 Lux (F1.0, AGC ON); [PTZ channel]: 0.0005 Lux (F1.2, AGC ON), B/W: 0.0001 Lux (F1.2, AGC ON), 0 Lux with IR	[Panoramic channel] Color: 0.0005 Lux (F1.0, AGC ON), B/W: 0.0001 Lux (F1.0, AGC ON); [PTZ channel]: 0.0005 Lux (F1.2, AGC ON), B/W: 0.0001 Lux (F1.2, AGC ON), 0 Lux with IR	[Panoramic channel] Color: 0.0005 Lux (F1.0, AGC ON), B/W: 0.0001 Lux (F1.0, AGC ON); [PTZ channel]: 0.0005 Lux (F1.2, AGC ON), B/W: 0.0001 Lux (F1.2, AGC ON), 0 Lux with IR	[Panoramic channel] Color: 0.0005 Lux (F1.0, AGC ON), B/W: 0.0001 Lux (F1.0, AGC ON); [PTZ channel]: 0.0005 Lux (F1.2, AGC ON), B/W: 0.0001 Lux (F1.2, AGC ON), 0 Lux with IR	[Panoramic channel] Color: 0.0005 Lux (F1.0, AGC ON), B/W: 0.0001 Lux (F1.0, AGC ON); [PTZ channel]: 0.0005 Lux (F1.2, AGC ON), B/W: 0.0001 Lux (F1.2, AGC ON), 0 Lux with IR
WDR	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	[Panoramic channel] 2.8 mm; [PTZ channel] 6.0 to 240 mm	[Panoramic channel] 2.8 mm; [PTZ channel] 6.0 to 240 mm	[Panoramic channel] 2.8 mm; [PTZ channel] 6.0 to 240 mm	[Panoramic channel] 2.8 mm; [PTZ channel] 6.0 to 240 mm	[Panoramic channel] 2.8 mm; [PTZ channel] 6.0 to 240 mm
FOV	Horizontal FOV 56.6° to 1.8°, vertical FOV 33.7° to 1.0°, diagonal FOV 63.4° to 2.0°	Horizontal FOV 56.6° to 1.8°, vertical FOV 33.7° to 1.0°, diagonal FOV 63.4° to 2.0°	Horizontal FOV 56.6° to 1.8°, vertical FOV 33.7° to 1.0°, diagonal FOV 63.4° to 2.0°	Horizontal FOV 56.6° to 1.8°, vertical FOV 33.7° to 1.0°, diagonal FOV 63.4° to 2.0°	Horizontal FOV 56.6° to 1.8°, vertical FOV 33.7° to 1.0°, diagonal FOV 63.4° to 2.0°
Optical Zoom	40x	40x	40x	40x	40x
Max. IR Range	250 m	250 m	250 m	250 m	250 m
VCA	Line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, intrusion detection	Line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, intrusion detection	Line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, intrusion detection	Line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, intrusion detection	Line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, intrusion detection
Frame Rate	[Panoramic channel]: 50Hz: 25fps (5520×2400, 4096×1800, 3840×1680, 2784×1200) 60Hz: 30fps (5520×2400, 4096×1800, 3840×1680, 2784×1200) [PTZ channel]: 50Hz:25fps (2560x1440,1920x1080,1280x960,1280x720) 60Hz:30fps (2560x1440,1920x1080,1280x960,1280x720)	[Panoramic channel]: 50Hz:25fps (8160×2400,6120×1800,5760×1696,3840×1080), 60Hz: 30fps (8160×2400,6120×1800,5760×1696,3840×1080); [PTZ channel]: 50Hz:25fps (2560x1440,1920x1080,1280x960,1280x720) 60Hz:30fps (2560x1440,1920x1080,1280x960,1280x720)	[Panoramic channel]: 50 Hz: 25 fps (8160 × 3616, 6144 × 2560, 4320 × 1808) 60 Hz: 30 fps (8160 × 3616, 6144 × 2560, 4320 × 1808) [PTZ channel]: 50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)	[Panoramic channel]: 50 Hz: 25 fps (8160 × 3616, 6144 × 2560, 4320 × 1808) 60 Hz: 30 fps (8160 × 3616, 6144 × 2560, 4320 × 1808) [PTZ channel]: 50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)	[Panoramic channel]: 50 Hz: 25 fps (8160 × 3616, 6144 × 2560, 4320 × 1808) 60 Hz: 30 fps (8160 × 3616, 6144 × 2560, 4320 × 1808) [PTZ channel]: 50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67 Standard, Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IK10	IP67 Standard, Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IK10	IP67 Standard, Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IK10
Angle Adjustment	-	-	-	-	-
Operating Temperature	Outdoor: -40°C to 70°C (-40°F to 158°F)	Outdoor: -40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158 °F).	-40°C to 70°C (-40°F to 158 °F).	-40°C to 70°C (-40°F to 158 °F).
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC cards, up to 256 GB	Built-in memory card slot, support microSD/microSDHC/microSDXC cards, up to 256 GB	Built-in memory card slot, support microSD/microSDHC/microSDXC cards, up to 256 GB	Built-in memory card slot, support microSD/microSDHC/microSDXC cards, up to 256 GB	Built-in memory card slot, support microSD/microSDHC/microSDXC cards, up to 256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%; 1 output (line out), line level, output impedance: 600 Ω	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%; 1 output (line out), line level, output impedance: 600 Ω	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%; 1 output (line out), line level, output impedance: 600 Ω	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%; 1 output (line out), line level, output impedance: 600 Ω	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%; 1 output (line out), line level, output impedance: 600 Ω
Alarm I/O	7 alarm inputs, 2 alarm outputs	7 alarm inputs, 2 alarm outputs	7 alarm inputs, 2 alarm outputs	7 alarm inputs, 2 alarm outputs	7 alarm inputs, 2 alarm outputs
Power	36 VDC, max. 135 W (including max. 12 W for IR)	36 VDC, max. 135 W (including max. 12 W for IR)	36 VDC, max. 135 W (including max. 12 W for IR)	36 VDC, max. 135 W (including max. 12 W for IR)	36 VDC, max. 135 W (including max. 12 W for IR)

Model	DS-2CD692460-IHS/(NFC)	DS-2CD694460-IHS/(NFC)	DS-2CD698460-IH(S)/(NFC)	DS-2CD6D24FWD-(I)Z(H)(S)/(NFC)	DS-2CD6D54FWD-(I)Z(H)(S)/(NFC)
Image	 PanoVu	 PanoVu	 PanoVu	 PanoVu	 PanoVu
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	3840 × 2160 (Panorama mode)	4800 × 2688 (Panorama mode)	8160 × 3616 (Panorama mode)	1920 × 1080	2560 × 1920
Video Compression	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264 / MJPEG
Min. Illumination	Color: 0.003 lux @ (F1.2, AGC ON), B/W: 0.0018 lux @ (F1.6, AGC ON), 0 lux with IR	Color: 0.009 lux @ (F1.6, AGC ON), B/W: 0.0018 lux @ (F1.6, AGC ON), 0 lux with IR	Color: 0.012 lux @ (F1.4, AGC ON), B/W: 0.0012 lux @ (F1.4, AGC ON), 0 lux with IR	Color: 0.006 Lux @ (F1.2, AGC ON), 0.01 Lux @ (F1.6, AGC ON) B/W: 0.002 Lux @ (F1.2, AGC ON); 0.003 Lux @ (F1.6, AGC ON) 0 Lux with IR on	Color: 0.006 Lux @ (F1.2, AGC ON), 0.010 Lux @ (F1.6, AGC ON) B/W: 0.002 Lux @ (F1.2, AGC ON); 0.003 Lux @ (F1.6, AGC ON) 0 Lux with IR on
WDR	Digital WDR	Digital WDR	Digital WDR	120 dB	120 dB
Lens	Four 2.8 mm/6 mm	Four 2.8 mm/6 mm	Four 2.8 mm	Four 2.8 to 12 mm	Four 2.8 to 12 mm
FOV	2.8 mm: horizontal FOV 180°, vertical FOV 90° 6 mm: horizontal FOV 180°, vertical FOV 25°	2.8 mm: horizontal FOV 180°, vertical FOV 90° 6 mm: horizontal FOV 180°, vertical FOV 25°	Single lens image: horizontal FOV 102°, vertical FOV 55°, diagonal FOV 120° Panorama Image: horizontal field of view 180°, vertical FOV 95°	Horizontal field of view: 30° to 96.3° Vertical field of view: 17° to 54° Diagonal field of view: 34° to 121°	Horizontal field of view: 30° to 101° Vertical field of view: 22.4° to 73° Diagonal field of view: 37° to 137°
Optical Zoom	-	-	-	-	-
Max. IR Range	20 m (Four IR LEDs)	20 m (Four IR LEDs)	20 m (Four IR LEDs)	30 m	30 m
VCA	-	-	-	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 25fps (3840 × 2160, 2560 × 1440, 1920 × 1080) 60Hz: 30fps (3840 × 2160, 2560 × 1440, 1920 × 1080)	50Hz: 25fps (4800 × 2688, 3840 × 2160, 2688 × 1520) 60Hz: 30fps (4800 × 2688, 3840 × 2160, 2688 × 1520)	50Hz: 25fps (8160 × 3616, 8160 × 2304) 60Hz: 30fps (8160 × 3616, 8160 × 2304)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)
Streams	2	2	1	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°	Pan: 0° to 355°, tilt: 0° to 90°	Pan: 0° to 355°, tilt: 0° to 90°	Four flexible lens in one track, slide range: -180° to 180°, tilt: 0° to 135°, rotate: 0° to 355°	Four flexible lens in one track, slide range: -180° to 180°, tilt: 0° to 135°, rotate: 0° to 355°
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)	-30 °C to 60 °C [-22 °F to 140 °F]. -H: -40 °C to 60 °C [-40 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]. -H: -40 °C to 60 °C [-40 °F to 140 °F]
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Micro SD / SDHC / SDXC slot, up to 256 GB	Micro SD / SDHC / SDXC slot, up to 256 GB	Built-in micro SD / SDHC / SDXC slot, up to 128 GB	Built-in micro SD / SDHC / SDXC slot, up to 128 GB	Built-in micro SD / SDHC / SDXC slot, up to 128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 Input (line in/mic in, 3.5 mm), 1 output(3.5 mm)	1 Input (line in/mic in, 3.5 mm), 1 output(3.5 mm)	With S: 1 input (line in), 1 output (line out)	With -S: 1-ch 3.5 mm input (line in/Mic in), 1-ch 3.5mm output, dual-track, stereo	With -S: 1-ch 3.5 mm input (line in), 1-ch 3.5mm output, dual-track, stereo
Alarm I/O	2 Inputs, 2 outputs	2 Inputs, 2 outputs	With S: 2 Inputs, 2 outputs	With -S: 2 inputs, 2 outputs	With -S: 2 inputs, 2 outputs
Power	12 VDC & PoE(802.3at) Max.: 24W	12 VDC & PoE(802.3at) Max.: 24W	12 VDC & PoE(802.3at)	12 VDC ± 20%, 24 VAC ± 20% (for customization), three-core terminal block, -I, -IZS/NFC: Hi-PoE: 42.5 VDC to 57 VDC, -Z: PoE (802.3at)	12 VDC ± 20%, 24 VAC ± 20% (for customization), three-core terminal block, -I, -IZS/NFC, -IZHS/NFC: Hi-PoE: 42.5 VDC to 57 VDC, -Z: PoE (802.3at)

Network Camera
PTZ Dome Camera
Panoramic Camera
Explosion-Proof & Anti-Corrosion Series
NVR
Network Storage
Data Center
Thermal Display
Commercial
Decoder
Video Wall Controller
Software
Accessories
DORI Distance



Model	DS-2CD6D5461-IZ(S)	DS-2CD6D5461-ZS/RC	DS-2CD6D5260-IH(S)	DS-2CD6D8260-IH(S)
Image	 HOT NEW PanoVu	 HOT NEW PanoVu	 HOT NEW PanoVu	 HOT NEW PanoVu
Image Sensor	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	2560 x 1920	2560 x 1920	2560 x 1920	3840 x 2160
Video Compression	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264 / MJPEG
Min. Illumination	Color: 0.0125 lux @ (F1.9, AGC ON); B/W: 0.0025 lux @ (F1.9, AGC ON)	Color: 0.0125 lux @ (F1.9, AGC ON); B/W: 0.0025 lux @ (F1.9, AGC ON)	Color: 0.009 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.056 Lux @ (F2.0, AGC ON), 0 Lux with IR
WDR	120 dB	120 dB	120 dB	120 dB
Lens	Four 2.8 to 8 mm	Four 2.8 to 8 mm	2.8 mm/4 mm/6 mm	2.8 mm/4 mm/6 mm
FOV	Horizontal FOV 100° to 49°, vertical FOV 72° to 36.4°, diagonal FOV 134.4° to 61.4°	Horizontal FOV 100° to 49°, vertical FOV 72° to 36.4°, diagonal FOV 134.4° to 61.4°	2.8mm @ F1.6 horizontal FOV 97°, vertical FOV 70°, diagonal FOV 128° 4 mm @ F1.6, horizontal FOV 79°, vertical FOV 57°, diagonal FOV 104° 6 mm @ F1.6, horizontal FOV 49°, vertical FOV 35°, diagonal FOV 63°	2.8mm @ F2.0, horizontal FOV 103°, vertical FOV 53°, diagonal FOV 124° 4 mm @ F2.0, horizontal FOV 79°, vertical FOV 41°, diagonal FOV 94° 6 mm @ F2.0, horizontal FOV 50°, vertical FOV 27°, diagonal FOV 58°
Optical Zoom	-	-	-	-
Max. IR Range	30 m	-	10 m	10 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	-	-
Frame Rate	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1920, 2048 × 1536) 60Hz: 30fps (2560 × 1920, 2048 × 1536)	50Hz: 25fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: -60° to 60°, tilt: 10° to 90°	Pan: -60° to 60°, tilt: 10° to 90°	P: -90 to 90°; T: 0 to 60° (2.8mm), 0 to 70° (4/6mm); R: 0 to 355°	P: -90 to 90°; T: 0 to 60° (2.8mm), 0 to 70° (4/6mm); R: 0 to 355°
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD / SDHC / SDXC slot, up to 128 GB	Built-in micro SD / SDHC / SDXC slot, up to 128 GB	Built-in micro SD / SDHC / SDXC slot, up to 256 GB	Built-in micro SD / SDHC / SDXC slot, up to 256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	With S: 1 input (line in), 1 output (line out), mono sound	1 input (line in), 1 output (line out), mono sound	Without -S: 2 built-in mics With S: 2 built-in mics, 1 line in, 1 line out	Without -S: 2 built-in mics With S: 2 built-in mics, 1 line in, 1 line out
Alarm I/O	With S: 2 inputs, 2 outputs	2 inputs, 2 outputs	With S: 1 input, 1 output (max. 36 VDC, 30mA)	With S: 1 input, 1 output (max. 36 VDC, 30mA)
Power	12 VDC ± 20%, reverse polarity protection; three-core terminal block 24 VAC ± 20%; PoE (802.3at, class 4)	12 VDC ± 20%, reverse polarity protection; three-core terminal block 24 VAC ± 20%; PoE (802.3af, class 0)	12 VDC & PoE (802.3af)	12 VDC & PoE (802.3af)





Fisheye Series

Single Sensor Panorama Camera

- > 360° / 180° overview
- > Multiple display modes
- > ImmerVision lens (DS-2CD63C5G0 only)
- > Deep learning heat map, intersection flow analysis and people counting
- > Supports onboard dewarping
- > IK10+ (50J) vandal-proof



Model	DS-2CD63C5G0-IV(I)S	DS-2CD63E5G0-IV(I)S
Image	 <p>IMMERVISION</p> <p>Heat map, intersection analysis, people counting with deep learning algorithm, onboard dewarping and client dewarping, built-in microphone and speaker, Immervision lens</p>	 <p>Heat map, intersection analysis, people counting with deep learning algorithm, onboard dewarping and client dewarping, built-in microphone and speaker</p>
Image Sensor	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max.Resolution	4000 × 3000	3072 × 2048
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Min. Illumination	Color: 0.05 lux @ (F2.2, AGC ON), B/W: 0.01 lux @ (F2.2, AGC ON), 0 lux with IR	Color: 0.047 lux @ (F2.6, AGC ON), B/W: 0.0047 lux @ (F2.6, AGC ON), 0 lux with IR
WDR	DWDR	DWDR
Lens	1.29 mm	1.27 mm
FOV	Horizontal FOV: 180°, vertical FOV: 180°	Horizontal FOV 180° (wall mount), 360°(ceiling mount), 360°(table mount)
Max. IR Range	15 m (three independently controlled LEDs)	15 m (three independently controlled LEDs)
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection;Heat map with deep learning algorithm;Intersection analysis;People Counting	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection;Heat map with deep learning algorithm;Intersection analysis;People Counting
Frame Rate	50Hz: 20fps (4000 × 3000), 25fps (3000 × 3000, 2560 × 2560) 60Hz: 20fps (4000 × 3000), 30fps (3000 × 3000, 2560 × 2560)	50Hz: 25fps (3072 × 2048, 2048 × 2048, 1280 × 1280) 60Hz: 30fps (3072 × 2048, 2048 × 2048, 1280 × 1280)
Streams	2	2
Protection Level	With -V: IP67, IK10	With -V: IP67, IK10
Angle Adjustment	-	-
Operating Temperature	-40 °C to 60 °C [-40 °F to +140 °F] Heater	-40 °C to 60 °C [-40 °F to +140 °F] Heater
Humidity	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)
Local Storage	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR
Indoor/Outdoor	indoor/outdoor	indoor/outdoor
Audio I/O	2 built-in microphones, 1 built-in speaker, mono sound -S: 1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm)	2 built-in microphones, 1 built-in speaker, mono sound -S: 1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm)
Alarm I/O	With -S: 1-ch alarm input, max. 12 V; 1-ch alarm output, max 24 VDC, 1 A	With -S: 1-ch alarm input, max. 12 V; 1-ch alarm output, max 24 VDC, 1 A
Power	12 VDC±20%, PoE (802.3at, class 4), -S model: two-core terminal block Without -S model: Ø 5.5 × 2.1 mm coaxial power plug	12 VDC±20%, PoE (802.3at, class 4), -S model: two-core terminal block Without -S model: Ø 5.5 × 2.1 mm coaxial power plug

Model	DS-2CD63C560E-IV(S)	DS-2CD636560E-IV(S)	DS-2CD63C560E-S/RC	DS-2CD636560E-S/RC
Image	 NEW Onboard dewarping and client dewarping, built-in microphone and speaker	 NEW Onboard dewarping and client dewarping, built-in microphone and speaker	 NEW Onboard dewarping and client dewarping, in-ceiling installation	 NEW Onboard dewarping and client dewarping, in-ceiling installation
Image Sensor	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max.Resolution	4000 × 3000	3072 × 2048	4000 × 3000	3072 × 2048
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Min. Illumination	Color: 0.082 lux @ (F2.8, AGC ON), B/W: 0.016 lux @ (F2.8, AGC ON), 0 lux with IR	Color: 0.047 lux @ (F2.6, AGC ON), B/W: 0.0047 lux @ (F2.6, AGC ON), 0 lux with IR	Color: 0.06 lux @ (F2.4, AGC ON), B/W: 0.012 lux @ (F2.4, AGC ON)	Color: 0.047 lux @ (F2.6, AGC ON), B/W: 0.0047 lux @ (F2.6, AGC ON)
WDR	DWDR	DWDR	DWDR	DWDR
Lens	2 mm	1.27 mm	2 mm	1.27 mm
FOV	Horizontal FOV 180° (wall mount), 360°(ceiling mount), 360°(table mount)	Horizontal FOV 180° (wall mount), 360°(ceiling mount), 360°(table mount)	360° (In-ceiling mounting)	360° (In-ceiling mounting)
Max. IR Range	15 m (three independently controlled LEDs)	15 m (three independently controlled LEDs)	-	-
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection;	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection;	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection;	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection;
Frame Rate	50Hz: 20fps (4000 × 3000), 25fps (3000 × 3000, 2560 × 2560) 60Hz: 20fps (4000 × 3000), 30fps (3000 × 3000, 2560 × 2560)	50Hz: 25fps (3072 × 2048, 2048 × 2048, 1280 × 1280) 60Hz: 30fps (3072 × 2048, 2048 × 2048, 1280 × 1280)	50Hz: 20fps (4000 × 3000), 25fps (3000 × 3000, 2560 × 2560) 60Hz: 20fps (4000 × 3000), 30fps (3000 × 3000, 2560 × 2560)	50Hz: 25fps (3072 × 2048, 2048 × 2048, 1280 × 1280) 60Hz: 30fps (3072 × 2048, 2048 × 2048, 1280 × 1280)
Streams	2	2	2	2
Protection Level	With -V: IP67, IK10	With -V: IP67, IK10	-	-
Angle Adjustment	-	-	-	-
Operating Temperature	-40 °C to 60 °C (-40 °F to +140 °F) Heater	-40 °C to 60 °C (-40 °F to +140 °F) Heater	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)
Humidity	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)
Local Storage	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR
Indoor/Outdoor	indoor/outdoor	indoor/outdoor	indoor	indoor
Audio I/O	With -S: 1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); 2 built-in microphone, 1 built-in speaker, mono sound	With -S: 1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); 2 built-in microphone, 1 built-in speaker, mono sound	1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); 2 built-in microphones, mono sound	1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); 2 built-in microphones, mono sound
Alarm I/O	With -S: 1-ch alarm input, max. 12 V; 1-ch alarm output, max 24 VDC, 1 A	With -S: 1-ch alarm input, max. 12 V; 1-ch alarm output, max 24 VDC, 1 A	1-ch alarm input, max. 12 V; 1-ch alarm output, max 12 VDC, 0.5 A	1-ch alarm input, max. 12 V; 1-ch alarm output, max 12 VDC, 0.5 A
Power	12 VDC±20%, PoE (802.3af, class 0), -S model: two-core terminal block Without -S model: Ø 5.5 × 2.1 mm coaxial power plug	12 VDC±20%, PoE (802.3af, class 0), -S model: two-core terminal block Without -S model: Ø 5.5 × 2.1 mm coaxial power plug	12 VDC±20%, PoE (802.3af, class 3), two-core terminal block Without -S model: Ø 5.5 × 2.1 mm coaxial power plug	12 VDC±20%, PoE (802.3af, class 3), two-core terminal block

Explosion-Proof & Anti-Corrosion Series

053 Explosion-Proof Series

057 Anti-Corrosion Series



Explosion-Proof Series

Complete Protection with Superior Design Inside and Out

> Explosion-proof certification: ATEX, IECEx, ULEx

> Anti-corrosion certification: NEMA-4X, C5

> 316L Stainless Steel




> ColorVu technology







> Deep learning perimeter protection, face capture and hard hat detection





> H.265+/H.265 codec












Camera

Model	DS-2XE6146F-HS	DS-2XE6222F-IS/316L	DS-2XE6242F-IS/316L	DS-2XE6422FWD-IZHRS	DS-2XE6442F-IZHRS
Image	 ATEX, IECEx, C5, NEMA 4X	 ATEX, IECEx, C5, NEMA 4X	 ATEX, IECEx, C5, NEMA 4X	 ATEX, IECEx, C5, NEMA 4X	 ATEX, IECEx, C5, NEMA 4X
Image Sensor	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	1920 × 1080	2560 × 1440	1920 × 1080	2688 × 1520
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Min. Illumination	Color: 0.003 Lux @ (F1.0, AGC ON)	Color: 0.018 lux @ (F1.2, AGC ON), B/W: 0.006 lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 lux @ (F1.2, AGC ON), B/W: 0.001 lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.0005 Lux @ (F1.2, AGC ON), B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.0005 Lux @ (F1.2, AGC ON), B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR
WDR	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	2.8, 4 or 6 mm	4, 6, 8 or 12 mm	4, 6, 8 or 12 mm	2.8-12 mm, 8-32 mm	2.8-12 mm, 8-32 mm
FOV	2.8 mm, horizontal FOV 102.5°, vertical FOV 53.4°, diagonal FOV 118.9° 4 mm, horizontal FOV 80.2°, vertical FOV 40.8°, diagonal FOV 93.4° 6 mm, horizontal FOV 52.5°, vertical FOV 27.4°, diagonal FOV 60.2°	4 mm, horizontal FOV 83°, vertical FOV 43°, diagonal FOV 97° 6 mm, horizontal FOV: 50°, vertical FOV 27°, diagonal FOV 59° 8 mm, horizontal FOV 39°, vertical FOV 21°, diagonal FOV 45° 12 mm, horizontal FOV 24°, vertical FOV 14°, diagonal FOV 28°	4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99° 6 mm, horizontal FOV 52°, vertical FOV 28°, diagonal FOV 60° 8 mm, horizontal FOV 39°, vertical FOV 22°, diagonal FOV 46° 12 mm, horizontal FOV 25°, vertical FOV 14°, diagonal FOV 28°	2.8 mm to 12 mm, horizontal FOV: 94° to 38°, vertical FOV: 49.9° to 21.3°, diagonal FOV: 112.3° to 43.5° 8 mm to 32 mm, horizontal FOV 42.5° to 15.1°, vertical FOV: 23.4° to 8.6°, diagonal FOV: 49.6° to 17.3°	2.8 mm to 12 mm, horizontal FOV 94° to 38°, vertical FOV 49.9° to 21.3°, diagonal FOV 112.3° to 43.7° 8 mm to 32 mm, horizontal FOV 42.2° to 15.1°, vertical FOV 23.4° to 8.6°, diagonal FOV 49.6° to 17.3°
Max. IR Range	N/A	30 m	30 m	2.8 mm to 12 mm lens: up to 80 m 8 mm to 32 mm lens: up to 150 m	2.8 mm to 12 mm lens: up to 80 m 8 mm to 32 mm lens: up to 150 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Face detection, scene change detection, defocus detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Face detection, scene change detection, defocus detection	Line crossing detection, up to 4 lines configurable Intrusion detection, up to 4 regions configurable Region entrance detection, up to 4 regions configurable Region exiting detection, up to 4 regions configurable Unattended baggage detection, up to 4 regions configurable Object removal detection, up to 4 regions configurable, Scene change detection, defocus detection	Line crossing detection, up to 4 lines configurable Intrusion detection, up to 4 regions configurable Region entrance detection, up to 4 regions configurable Region exiting detection, up to 4 regions configurable Unattended baggage detection, up to 4 regions configurable Object removal detection, up to 4 regions configurable, Scene change detection, defocus detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 24 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)
Multi-Streaming	3	3	3	3	3
Protection Level	IP68	IK08 (IEC 62262:2002), IP68 (IEC 60529-2013)	IK08 (IEC 62262:2002), IP68 (IEC 60529-2013)	IP68	IP68
Angle Adjustment	Pan: 0° to 340°, tilt: 0° to 75°	-	-	-	-
Operating Temperature	-40°C to 60°C (-40°F to 140°F)	-30°C to +60 °C [-22 °F to +140 °F], Humidity 95% or less (non-condensing)	-30°C to +60 °C [-22 °F to +140 °F], Humidity 95% or less (non-condensing)	- 40 °C to +60 °C [-40 °F to +140 °F]	- 40 °C to +60 °C [-40 °F to +140 °F]
Operating Humidity	≤ 95%	≤ 95%	≤ 95%	≤ 95%	≤ 95%
Local Storage	128 GB	256 GB	256 GB	128 GB	128 GB
Audio I/O	1 in, 1 out	N/A	N/A	1 in, 1 out	1 in, 1 out
Alarm I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	2 in, 2 out	2 in, 2 out
Installation	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power Supply	12 VDC ± 20%, 0.8 A, max. 10 W, two-core terminal block PoE (802.3af, Class 3, 36 V to 57 V), 0.3 A to 0.2 A, max. 12.5 W	100 VAC to 240 VAC, 0.15 A, 50/60 Hz, max. 7 W, terminal block PoE: 802.3af, Class 3, 36 to 57 V, 0.3 to 0.2 A	100 VAC to 240 VAC, 0.15 A, 50/60 Hz, max. 7 W, terminal block PoE: 802.3af, Class 3, 36 to 57 V, 0.3 to 0.2 A	100 VAC to 240 VAC, 0.38 A to 0.18 A, max. 22.6 W, three-core terminal block PoE: 802.3at, 42.5 V to 57 V, 0.56 A to 0.42 A, max. 23.6 W	100 VAC to 240 VAC, 0.38 A to 0.18 A, max. 22.6 W, three-core terminal block PoE: 802.3at, 42.5 V to 57 V, 0.56 A to 0.42 A, max. 23.6 W

Model	DS-2XE682560-(I)(L)Z(H)(S)	DS-2XE684560-(I)(L)Z(H)(S)	DS-2XE688560-(I)(L)Z(H)(S)
Image	  ATEX, IECEx, ULEx, C5, NEMA 4X	  ATEX, IECEx, ULEx, C5, NEMA 4X	  ATEX, IECEx, ULEx, C5, NEMA 4X
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2" Progressive Scan CMOS
Max. Resolution	1920 × 1080	2688 × 1520	3840 × 2160
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Min. Illumination	Color: 0.009 Lux @ (F1.2, AGC ON)	Color: 0.009 Lux @ (F1.2, AGC ON)	Color: 0.009 Lux @ (F1.2, AGC ON)
WDR	120 dB	120 dB	120 dB
Lens	2.8-12 mm, 8-32 mm	2.8-12 mm, 8-32 mm	2.8-12 mm, 8-32 mm
FOV	2.8 to 12 mm, horizontal FOV 115° to 42°, vertical FOV 59° to 24°, diagonal FOV 141° to 48°; 8 to 32 mm, horizontal FOV 43° to 15°, vertical FOV 23° to 9°, diagonal FOV 50° to 17°	2.8 to 12 mm, horizontal FOV 115° to 42°, vertical FOV 59° to 24°, diagonal FOV 141° to 48°; 8 to 32 mm, horizontal FOV 43° to 15°, vertical FOV 23° to 9°, diagonal FOV 50° to 17°	2.8 to 12 mm, horizontal FOV 112° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47°; 8 to 32 mm, horizontal FOV 42° to 15°, vertical FOV 23° to 8°, diagonal FOV 49° to 17°
Max. IR Range	-I model: up to 100 m IR range -L model: up to 30 m whitelight range	-I model: up to 100 m IR range -L model: up to 30 m whitelight range	-I model: up to 100 m IR range -L model: up to 30 m whitelight range
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Scene change detection, audio exception detection (-S model), defocus detection, Face Capture, Hard Hat Detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Scene change detection, audio exception detection (-S model), defocus detection, Face Capture, Hard Hat Detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Scene change detection, audio exception detection (-S model), defocus detection, Face Capture, Hard Hat Detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 720); 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720); 60Hz: 30fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720); 60Hz: 30fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Multi-Streaming	5	5	5
Protection Level	IP68	IP68	IP68
Angle Adjustment	-	-	-
Operating Temperature	H model: -40 °C to +60 °C (-40 °F to +140 °F) Without -H model: -30 °C to +60 °C (-22 °F to +140 °F)	H model: -40 °C to +60 °C (-40 °F to +140 °F) Without -H model: -30 °C to +60 °C (-22 °F to +140 °F)	H model: -40 °C to +60 °C (-40 °F to +140 °F) Without -H model: -30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	≤ 95%	≤ 95%	≤ 95%
Local Storage	256 GB	256 GB	256 GB
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out
Alarm I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out
Installation	Outdoor	Outdoor	Outdoor
Power Supply	100 to 240 VAC, PoE (42.5 to 57 V, 802.3 at), terminal block	100 to 240 VAC, PoE (42.5 to 57 V, 802.3 at), terminal block	100 VAC to 240 VAC, three-core terminal block PoE (802.3at, class 4)

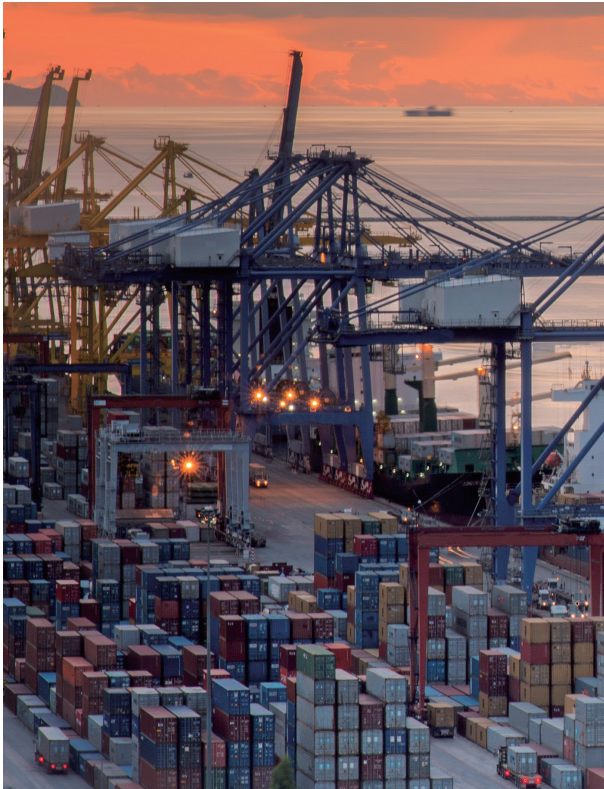
Model	DS-2DB42231-CX(WE/316L)	DS-2DB4236I-CWX(WE/316L)
Image	  DarkFighterX  ATEX, IECEx, C5, NEMA 4X	  DarkFighterX  ATEX, IECEx, C5, NEMA 4X
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Min. Illumination	Color: 0.002 lux @ (F1.5, AGC ON)	Color: 0.002 lux @ (F1.5, AGC ON)
WDR	DWDR	DWDR
Lens	5.9 to 135.7 mm, 23x optical	5.7 to 205 mm, 36x optical
FOV	Horizontal field of view: 59.8° to 3.0° (WideTele) Vertical field of view: 33.6° to 1.7° (Wide-Tele) Diagonal field of view: 68.6° to 3.4° (Wide-Tele)	Horizontal field of view: 59.8° to 2.0° (wide-tele) Vertical field of view: 33.6° to 1.1° (wide-tele) Diagonal field of view: 68.6° to 2.3° (wide-tele)
Optical Zoom	23x	36x
Max. IR Range	200 m	200 m
VCA	Intrusion Detection, Line Crossing Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3
Protection Level	IP68 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP68 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Angle Adjustment	-	-
Operating Temperature	-40°C to 60°C (-40° F to 140° F)	-40°C to 60°C (-40° F to 140° F)
Humidity	≤ 95%	≤ 95%
Local Storage	128 GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor
Audio I/O	1/1	1/1
Alarm I/O	1/1	1/1
Power	100 VAC to 240 VAC & PoE+ (IEEE802.3at class4) Max. 25 W	100 VAC to 240 VAC & PoE+ (IEEE802.3at class4) Max. 25 W
Interface	1 × RJ45 10 M/100 M Ethernet interface	1 × RJ45 10 M/100 M Ethernet interface

Model	DS-2DY9236I-CWX (W/316L)	DS-2DF6223-CX (W316L)	DS-2DF4220-DX	
Image	  ATEX, IECEx, C5, NEMA 4X	  ATEX, IECEx, C5, NEMA 4X	  ATEX, IECEx, C5, NEMA 4X	   ATEX, IECEx, C5, NEMA 4X
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG	Main Stream: H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264 / MJPEG	Main Stream: H.265+ / H.265 / H.264+ / H.264
Min. Illumination	color: 0.0005 Lux @ (F1.2, AGC ON), B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.0005 Lux @ (F1.5, AGC ON) B/W: 0.0001 Lux @ (F1.5, AGC ON)	Color: 0.0005 Lux @ (F1.5, AGC ON) B/W: 0.0001 Lux @ (F1.5, AGC ON)	color: 0.005Lux @ (F1.6, AGC ON) B/W: 0.001Lux @ (F1.6, AGC ON)
WDR	120 dB	120 dB	120 dB	120dB
Lens	6.0-216 mm, 36 × optical	5.9 mm to 135.7 mm, 23 × optical zoom	5.9 mm to 182.9 mm, 31 × optical zoom	4.8 mm to 96 mm, 20 × optical
FOV	Horizontal field of view: 59° to 1.98° (wide-tele) Vertical field of view: 34.16° to 1.12° (wide-tele) Diagonal field of view: 67.1° to 2.3° (wide-tele)	Horizontal field of view: 58.5° to 3° (wide-tele) Vertical field of view: 34° to 1.7° (wide-tele) Diagonal field of view: 65.8° to 3.5° (wide-tele)	Horizontal field of view: 58.5° to 2.4° (wide-tele) Vertical field of view: 34° to 1.3° (wide-tele) Diagonal field of view: 65.8° to 2.7° (wide-tele)	Horizontal field of view: 57.6° to 3.4° (wide-tele), Vertical field of view: 34.4° to 2° (wide-tele), Diagonal field of view: 64.5° to 3.9° (wide-tele)
Max. IR Range	150 m	-	-	-
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception detection, Face Capture	intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception detection, Face Capture	intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception detection, Face Capture	intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, face detection
Frame Rate	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720);	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720);	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Multi-Streaming	3	3	3	3
Protection Level	IP68, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP68, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP68, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP68, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Angle Adjustment	360° endless From -90° to 90° (auto flip)	-	-	-
Operating Temperature	-40°C to 60°C [-40°F to 140°F]	-40°C to 60°C [-40°F to 140°F]	-40°C to 60°C [-40°F to 140°F]	-30°C to 60°C [-22°F to 140°F]
Operating Humidity	≤ 90%	≤ 95%	≤ 95%	≤ 95%
Local Storage	256GB	256GB	256GB	256 GB
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	-
Alarm I/O	7-ch alarm input and 2-ch alarm output	7 in, 2 out	7 in, 2 out	1 in, 1 out
Installation	Outdoor	Outdoor	Outdoor	Outdoor
Power Supply	100 VAC to 240 VAC Max.: 100 W [Max. 15 W for IR]	100 VAC to 240 VAC, Max.: 60 W	100 VAC to 240 VAC, Max.: 60 W	DC9 V to 12 V, Max. 7 W; PoE

Anti-Corrosion Series

The Best Choice for Critical Industry Applications


- > Anti-corrosion certification: NEMA-4X, C5
- > 316L Stainless Steel housing or anticorrosive coating
- > DarkFighter technology
- > Deep learning perimeter protection and face capture
- > H.265+/H.265 codec



Camera

Model	DS-2XC6142FWD-IS(C)	DS-2XC662560-IZHRS
Image	 NEMA 4X, C5	 NEMA 4X, C5
Image Sensor	1/3" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	2688 × 1520	1920 × 1080
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Min. Illumination	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR B/W: 0.0018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.0005 Lux @(F1.2, AGC ON) B/W: 0.0001 Lux @(F1.2, AGC ON), 0 Lux with IR
WDR	120 dB	120 dB
Lens	2.8, 4 or 6 mm	2.8 to 12 mm, 8 to 32mm
FOV	2.8 mm, horizontal FOV 98.5°, vertical FOV 52.8°, diagonal FOV 116.2° 4 mm, horizontal FOV 78.8°, vertical FOV 40.5°, diagonal FOV 92.8° 6 mm, horizontal FOV 49.1°, vertical FOV 26.3°, diagonal FOV 57.2°	2.8 - 12 mm, F1.4: horizontal field of view, 94.2° to 38.1° 8 - 32 mm, F1.7: horizontal field of view, 42.2° to 15.1°
Max. IR Range	15 m	2.8-12 mm: 80 m 8-32 mm: 150 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Multi-Streaming	3	3
Protection Level	IP67	IP67
Angle Adjustment	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	-
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-
Operating Humidity	≤ 95%	-
Local Storage	128 GB	256 GB
Audio I/O	-	-
Alarm I/O	1 in, 1 out	1 in, 1 out
Installation	Outdoor	Outdoor
Power Supply	12 VDC, 0.4 A, max. 5 W, two-core terminal block PoE (802.3af, Class 3, 36 V to 57 V), 0.1 A	AC: 24V±20%; PoE: 802.3at

Model	DS-2XC664560-IZHRS	DS-2XC668560-IZHRS
Image	 NEMA 4X, C5	 NEMA 4X, C5
Image Sensor	1/1.8" Progressive Scan CMOS	1/2" Progressive Scan CMOS
Max. Resolution	2688 × 1520	3840 × 2160
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Min. Illumination	Color: 0.0005 Lux @(F1.2, AGC ON) B/W: 0.0001 Lux @(F1.2, AGC ON), 0 Lux with IR	*Color: 0.002 Lux @(F1.2, AGC ON) B/W: 0.0002 Lux @(F1.2, AGC ON), 0 Lux with IR
WDR	120 dB	120 dB
Lens	2.8 to 12 mm, 8 to 32mm	2.8 to 12 mm, 8 to 32mm
FOV	2.8 - 12 mm, F1.4: horizontal field of view, 94.2° to 38.1° 8 - 32 mm, F1.4: horizontal field of view, 42.2° to 15.1°	2.8 - 12 mm, F1.4: horizontal field of view, 94.8° to 38.2° 8 - 32 mm, F1.4: horizontal field of view, 41.8° to 14.9°
Max. IR Range	2.8-12 mm: 80 m 8-32 mm: 150 m	2.8-12 mm: 80 m 8-32 mm: 150 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50 Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)	50 Hz: 20fps (3840 × 2160, 3072 × 1728), 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20fps (3840 × 2160, 3072 × 1728), 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Multi-Streaming	3	3
Protection Level	IP67	IP67
Angle Adjustment	-	-
Operating Temperature	-	-
Operating Humidity	-	-
Local Storage	256 GB	256 GB
Audio I/O	-	-
Alarm I/O	1 in, 1 out	1 in, 1 out
Installation	Outdoor	Outdoor
Power Supply	AC: 24V±20%; PoE: 802.3at	AC: 24V±20%; PoE: 802.3at

Model	DS-2DT6232X-AELY(T5)
Image	 DarkFighter + NEMA 4X, C5
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Video Compression	H.264 / MJPEG / MPEG4
Min. Illumination	Color: 0.002 Lux @ (F1.5, AGC ON), B/W: 0.0002 Lux @ (F1.5, AGC ON)
WDR	v 140 dB
Lens	5.9 mm to 188.8 mm, 32 × Optical
FOV	Horizontal field of view: 59.8° to 3.3° (wide-tele), Vertical field of view: 33.7° to 1.9° (wide-tele), Diagonal field of view: 65° to 3.8° (wide-tele)
Max. IR Range	-
VCA	intrusion detection, line crossing detection, region entrance detection, region exiting detection, loitering detection, people gathering detection, fast moving detection, parking detection, unattended baggage detection, object removal detection, vandal-proof alarm, audio exception detection, Face capture
Frame Rate	50Hz:25fps(1920×1080,1280×960,1280×720) 60Hz:30fps(1920×1080,1280×960,1280×720)
Multi-Streaming	3
Protection Level	Lightning Protection, Surge Protection and Voltage Transient Protection,±6kV Line to Gnd, ±3kV Line to Line,IEC61000-4-5,IP67 Standard,IK10
Operating Temperature	-40° C to 65° C (-40° F to 149° F)
Operating Humidity	≤ 95%
Local Storage	256 GB
Audio I/O	1/1
Alarm I/O	7/2
Installation	Outdoor
Power Supply	24 VAC Hi-PoE

NVR

060 DeepinMind Series

066 Ultra Series

070 Pro Series

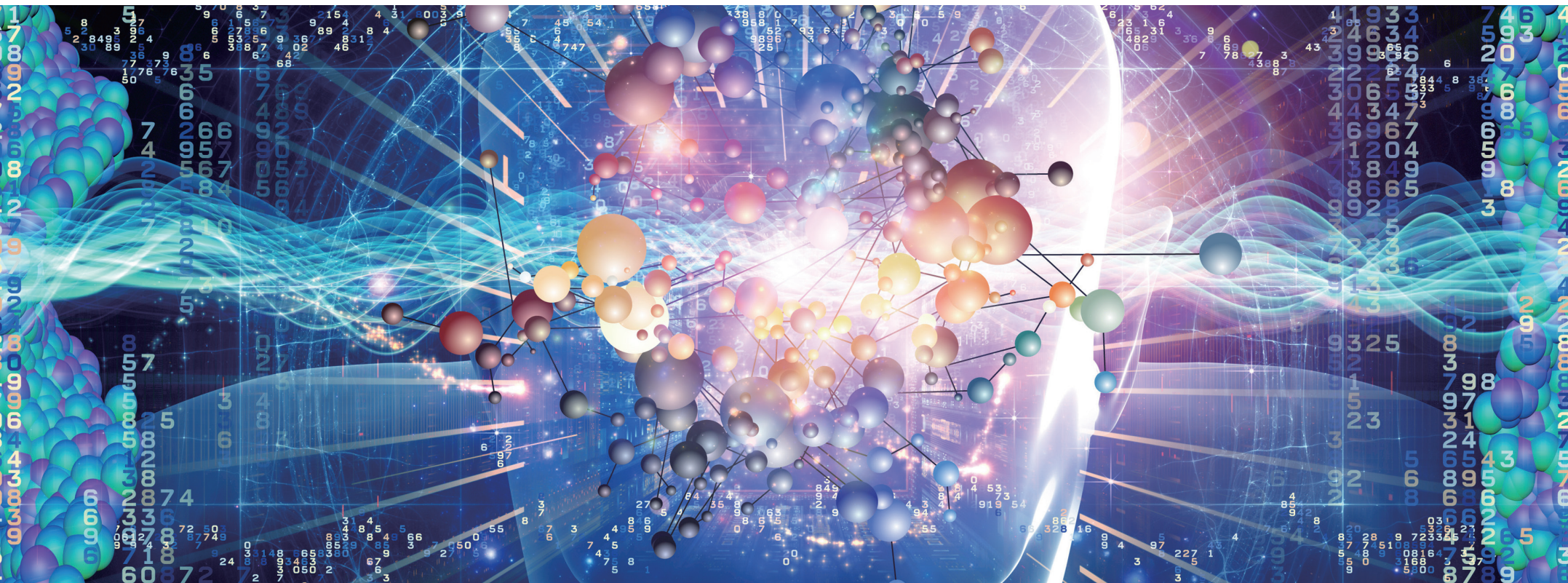
073 Workstation Series



DeepinMind Series NVR





Deeper Intelligence for Expansive Security

- › The first deep-learning NVR in the industry
- › GPU-based designs
- › Intelligent analytics and advanced storage in one
- › Fast and accurate facial, human body, vehicle, and behavior recognition, and perimeter protection






Model	IDS-96128NXI-I24	IDS-96128NXI-I16	IDS-96064NXI-I16	IDS-9664NXI-I16/X	IDS-9632NXI-I16/X
Image	 DeepinMind	 DeepinMind	 DeepinMind	 DeepinMind	 DeepinMind
Hardware Platform	Quad-Core Intel® Xeon® E3	Quad-Core Intel® Xeon® E3	Dual-Core Intel® Core® I3	Quad-core embedded processor	Quad-core embedded processor
No. of Channels	128-ch	128-ch	64-ch	64-ch	32-ch
Decoding Format	H.265+ / H.265 / H.264+ / H.264 / MJPEG / MPEG4	H.265+ / H.265 / H.264+ / H.264 / MJPEG / MPEG4	H.265+ / H.265 / H.264+ / H.264 / MJPEG / MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	512 Mbps / 512 Mbps	512 Mbps / 512 Mbps	400 Mbps / 400 Mbps	RAID enabled: 200 Mbps/200 Mbps RAID disabled: 320 Mbps/256 Mbps	RAID enabled: 200 Mbps/200 Mbps RAID disabled: 320 Mbps/256 Mbps
Decoding Capacity	1-ch@32 MP (30 fps)/5-ch@8 MP (30 fps)/10-ch@4 MP (30 fps)/20-ch@1080p (30 fps)/40-ch@720p (30 fps)	1-ch@32 MP (8160 × 3616, 30 fps)/5-ch@8 MP(30 fps)/10-ch@4 MP(30 fps)/20-ch@1080p(30 fps)/40-ch@720p(30 fps)	1-ch@32 MP (30 fps)/5-ch@8 MP (30 fps)/10-ch@4 MP (30 fps)/20-ch@1080p (30 fps)/40-ch@720p (30 fps)	1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)	1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)
Recording Resolution	32 MP/24 MP/12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p /VGA/4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 to 4 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p /VGA/4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 to 4 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p /VGA/4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 to 4 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF /2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF /2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.
Display LCD	2 HDMI / 1 VGA 7-inch LCD	2 HDMI / 1 VGA 7-inch LCD	2 HDMI / 1 VGA -	2 HDMI / 2 VGA -	2 HDMI / 2 VGA -
Storage Capacity	-	16 SATA interfaces supporting hot-plug Up to 10 TB capacity for each HDD	16 SATA interfaces supporting hot-plug Up to 10 TB capacity for each HDD	16 SATA interfaces supporting hot-plug Up to 10 TB capacity for each HDD	16 SATA interfaces supporting hot-plug Up to 10 TB capacity for each HDD
eSATA / Mini SAS	1 eSATA interface / 2 mini SAS interfaces	1 eSATA interface / 2 mini SAS interfaces	1 eSATA interface	1 eSATA interface	1 eSATA interface
RAID Type	RAIDO, RAID1, RAID5, RAID6, and RAID10 (at least 4 TB for each HDD)	RAIDO, RAID1, RAID5, RAID6, and RAID10 (at least 4 TB for each HDD)	RAIDO, RAID1, RAID5, RAID6, and RAID10 (at least 4 TB for each HDD)	RAIDO, RAID1, RAID5, RAID6, RAID10	RAIDO, RAID1, RAID5, RAID6, RAID10
Video Output	VGA: 1-ch, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 4K (4096 × 2160)/30Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 4K (4096 × 2160)/30Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 4K (4096 × 2160)/30Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA1: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDM2 :1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA1: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDM2 :1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)
Alarm I/O	48/24 (main board: 16/8; extension board: 32/16)	48/24 (main board: 16/8; extension board: 32/16)	16/8	16/8	16/8
Network Interface	4, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	4, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	4, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE Port	-	-	-	-	-
USB Port	Front panel: 1 × USB 2.0; Rear panel: 2 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction Video Structuralization	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction Video Structuralization	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction Video Structuralization*	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction Video Structuralization	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction Video Structuralization
Power Consumption (without HDD)	≤ 140 W	≤ 140 W	≤ 140 W	≤ 70 W	≤ 70 W
Description	64 libraries with 500,000 face pictures in total Face picture comparison and alarm linkage actions for up to 96 channels False alarm reduction for up to 96 channels 2MP Up to 48-ch 2MP Video Structuralization	64 libraries with 500,000 face pictures in total Face picture comparison and alarm linkage actions for up to 96 channels False alarm reduction for up to 96 channels 2MP Up to 48-ch 2MP Video Structuralization	64 libraries with 500,000 face pictures in total Face picture comparison and alarm linkage actions for up to 48 channels False alarm reduction for up to 48 channels 2MP Up to 24-ch 2MP Video Structuralization	32 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels False alarm reduction for up to 16 channels 4MP Up to 8-ch 2MP Video Structuralization	32 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels False alarm reduction for up to 16 channels 4MP Up to 8-ch 2MP Video Structuralization

Model	IDS-9616NXI-I16/X	IDS-9664NXI-I8/X	IDS-9632NXI-I8/X	IDS-9616NXI-I8/X	IDS-9632NXI-I8_BA
Image	 DeepinMind	 DeepinMind	 DeepinMind	 DeepinMind	 DeepinMind
Hardware Platform	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor
No. of Channels	16-ch	64-ch	32-ch	16-ch	32-ch
Decoding Format	H.265+/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	RAID enabled: 200 Mbps/200 Mbps RAID disabled: 320 Mbps/256 Mbps	RAID enabled: 200 Mbps/200 Mbps RAID disabled: 320 Mbps/256 Mbps	RAID enabled: 200 Mbps/200 Mbps RAID disabled: 320 Mbps/256 Mbps	RAID enabled: 200 Mbps/200 Mbps RAID disabled: 256 Mbps/256 Mbps	RAID enabled: 200 Mbps/200 Mbps RAID disabled: 320 Mbps/256 Mbps
Decoding Capacity	1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)	1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)	1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)	1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)	1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF /2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF /2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF /2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF /2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF /2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.
Display LCD	2 HDMI / 2 VGA -	2 HDMI / 2 VGA -	2 HDMI / 2 VGA -	2 HDMI / 2 VGA -	2 HDMI / 2 VGA -
Storage Capacity	16 SATA interfaces supporting hot-plug Up to 10 TB capacity for each HDD	8 SATA interfaces supporting hot-plug Up to 10 TB capacity for each HDD	8 SATA interfaces supporting hot-plug Up to 10 TB capacity for each HDD	8 SATA interfaces supporting hot-plug Up to 10 TB capacity for each HDD	8 SATA interfaces supporting hot-plug Up to 10 TB capacity for each HDD
eSATA / Mini SAS	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface
RAID Type	RAIDO, RAID1, RAID5, RAID6, RAID10	RAIDO, RAID1, RAID5, RAID6, RAID10	RAIDO, RAID1, RAID5, RAID6, RAID10	RAIDO, RAID1, RAID5, RAID6, RAID10	RAIDO, RAID1, RAID5, RAID6, RAID10
Video Output	VGA1: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDM2 :1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA1: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDM2 :1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA1: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDM2 :1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA1: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDM2 :1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA1: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDM2 :1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)
Alarm I/O	16/8	16/8	16/8	16/8	16/8
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE Port	-	-	-	-	-
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction Video Structuralization	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction Video Structuralization	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction Video Structuralization	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction Video Structuralization	Deep learning based video analytics for not wearing hard hat detection and behavior analysis, including people running detection, people gathering detection, violent motion detection, using mobile phone detection, etc.
Power Consumption (without HDD)	≤ 70 W	≤ 70 W	≤ 70 W	≤ 70 W	≤ 70 W
Description	32 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels False alarm reduction for up to 16 channels 4MP Up to 8-ch 2MP Video Structuralization	32 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels False alarm reduction for up to 16 channels 4MP Up to 8-ch 2MP Video Structuralization	32 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels False alarm reduction for up to 16 channels 4MP Up to 8-ch 2MP Video Structuralization	32 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels False alarm reduction for up to 16 channels 4MP Up to 8-ch 2MP Video Structuralization	Up to 8-ch 4MP, facial recognition is supported for people not wearing hard hat; Up to 8-ch 4MP, including absence detection, staying overtime detection, number of people exception detection, and playing mobile phone detection; Up to 8-ch 4MP, including people gathering detection, people running detection, physical conflict detection, and people falling down detection; Up to 8-ch 4MP, including people counting statistics and regional people counting

Model	IDS-7716NXI-I4/X	IDS-7716NXI-I4/16P/X	IDS-7732NXI-I4/X	IDS-7732NXI-I4/16P/X
Image	 HOT	 HOT	 HOT	 HOT
	DeepinMind	DeepinMind	DeepinMind	DeepinMind
Hardware Platform	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor
Channel No.	16-ch	16-ch	32-ch	32-ch
Decoding Format	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4
Incoming/Outgoing Bandwidth	320 Mbps / 256 Mbps	320 Mbps / 256 Mbps	320 Mbps / 256 Mbps	320 Mbps / 256 Mbps
Decoding Capacity	1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)	16-ch @ 1080p (30 fps)	1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)	16-ch @ 1080p (30 fps)
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF
Display	2 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 1 VGA
LCD	-	-	-	-
Storage Capacity	4 SATA interfaces Up to 10 TB capacity for each HDD	4 SATA interfaces Up to 10 TB capacity for each HDD	4 SATA interfaces Up to 10 TB capacity for each HDD*	4 SATA interfaces Up to 10 TB capacity for each HDD*
eSATA / Mini SAS	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface
RAID Type	-	-	-	-
Video Output	VGA:1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA Simultaneous Output HDMI1:1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2:1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA:1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA Simultaneous Output HDMI1:1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2:1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA:1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA Simultaneous Output HDMI1:1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2:1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz*	VGA:1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA Simultaneous Output HDMI1:1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2:1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz*
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	16/8	16/8	16/8	16/8
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE Port	-	16, RJ-45 10/100 Mbps self-adaptive Ethernet interface	-	16, RJ-45 10/100 Mbps self-adaptive Ethernet interface
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	λλ Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; λ VCA search for facial detection, false alarm reduction; Video Structuralization	λλ Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; λ VCA search for facial detection, false alarm reduction; Video Structuralization	λλ Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; λ VCA search for facial detection, false alarm reduction; Video Structuralization	λλ Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; λ VCA search for facial detection, false alarm reduction; Video Structuralization
Power Consumption (without HDD)	≤ 30 W	≤ 30 W	≤ 30 W	≤ 30 W
Description	16 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels Up to 16-ch 4 MP video analysis for human and vehicle recognition to reduce false alarms Up to 8-ch 2MP Video Structuralization	16 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels Up to 16-ch 4 MP video analysis for human and vehicle recognition to reduce false alarms Up to 8-ch 2MP Video Structuralization	16 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels Up to 16-ch 4 MP video analysis for human and vehicle recognition to reduce false alarms Up to 8-ch 2MP Video Structuralization	16 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels Up to 16-ch 4 MP video analysis for human and vehicle recognition to reduce false alarms Up to 8-ch 2MP Video Structuralization

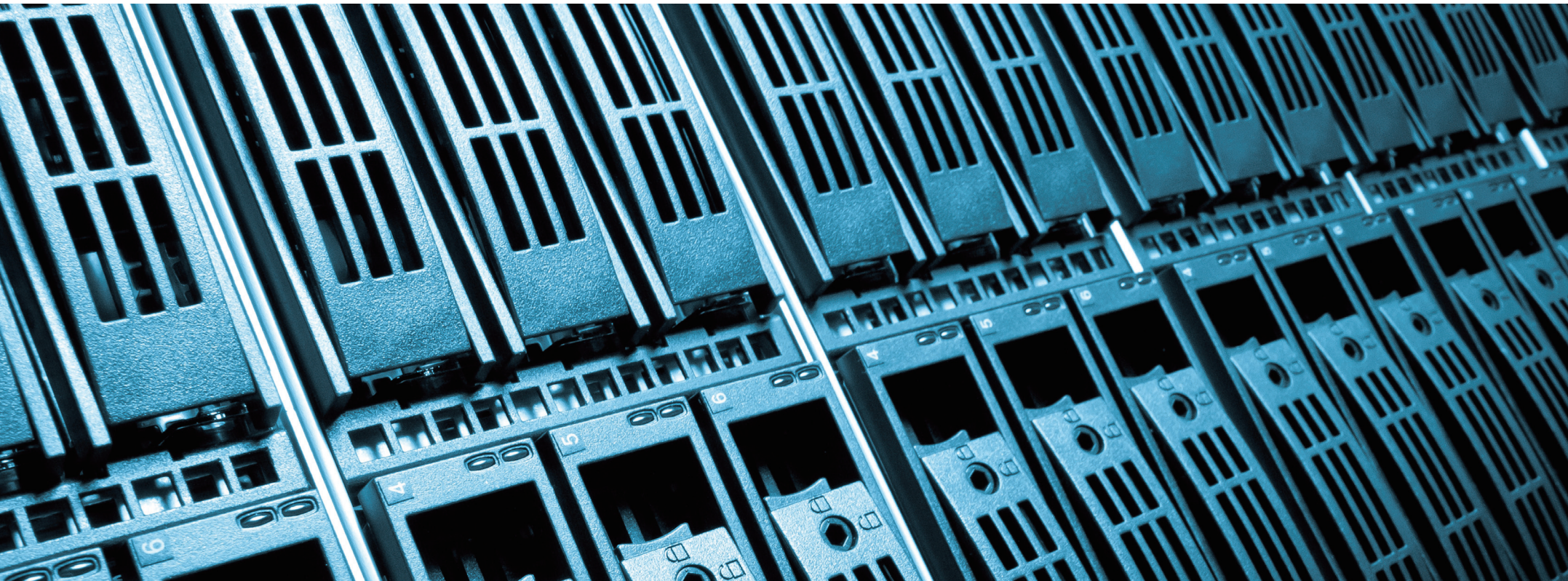
Model	ids-7608NXI-I2/X	ids-7608NXI-I2/8P/X	ids-7616NXI-I2/X	ids-7616NXI-I2/16P/X
Image	 DeepinMind	 DeepinMind	 DeepinMind	 DeepinMind
Hardware Platform	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor
Channel No.	8-ch	8-ch	16-ch	16-ch
Decoding Format	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4
Incoming/Outgoing Bandwidth	320 Mbps / 256 Mbps	320 Mbps / 256 Mbps	320 Mbps / 256 Mbps	320 Mbps / 256 Mbps
Decoding Capacity	1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)	16-ch@1080p (30 fps)	1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)	16-ch@1080p (30 fps)
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF
Display	1 HDMI / 1 VGA / 1 CVBS	1 HDMI / 1 VGA / 1 CVBS	1 HDMI / 1 VGA / 1 CVBS	1 HDMI / 1 VGA / 1 CVBS
LCD	-	-	-	-
Storage Capacity	2 SATA interfaces Up to 10 TB capacity for each HDD	2 SATA interfaces Up to 10 TB capacity for each HDD	2 SATA interfaces Up to 10 TB capacity for each HDD	2 SATA interfaces Up to 10 TB capacity for each HDD
eSATA / Mini SAS	-	-	-	-
RAID Type	-	-	-	-
Video Output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA independent output HDMI: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz CVBS: 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA independent output HDMI: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz CVBS: 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA independent output HDMI: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz CVBS: 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA independent output HDMI: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz CVBS: 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	4/1	4/1	4/1	4/1
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE Port	-	8, RJ-45 10/100 Mbps self-adaptive Ethernet interface	-	16, RJ-45 10/100 Mbps self-adaptive Ethernet interface
USB Port	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	λλ Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; λ VCA search for facial detection, false alarm reduction; Video Structuralization	λλ Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; λ VCA search for facial detection, false alarm reduction; Video Structuralization	λλ Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; λ VCA search for facial detection, false alarm reduction; Video Structuralization	λλ Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; λ VCA search for facial detection, false alarm reduction; Video Structuralization
Power Consumption (without HDD)	≤ 30 W	≤ 30 W	≤ 30 W	≤ 30 W
Description	16 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 8 channels Up to 8-ch 4 MP video analysis for human and vehicle recognition to reduce false alarms Up to 4-ch 2MP Video Structuralization	16 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 8 channels Up to 8-ch 4 MP video analysis for human and vehicle recognition to reduce false alarms Up to 4-ch 2MP Video Structuralization	16 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels Up to 8-ch 4 MP video analysis for human and vehicle recognition to reduce false alarms Up to 4-ch 2MP Video Structuralization	16 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels Up to 8-ch 4 MP video analysis for human and vehicle recognition to reduce false alarms Up to 4-ch 2MP Video Structuralization






Model	IDS-6716NXI-I/S	IDS-6708NXI-I/FA	IDS-6704NXI-I/BA
Image	 <p style="text-align: right;">DeepinMind</p>	 <p style="text-align: right;">DeepinMind</p>	 <p style="text-align: right;">DeepinMind</p>
Hardware Platform	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor
Channel No.	16-ch	8-ch	4-ch
Decoding Format	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4
Incoming/Outgoing Bandwidth	320 Mbps / 256 Mbps	128 Mbps / 128 Mbps	320 Mbps / 256 Mbps
Decoding Capacity	16-ch @ 1080p (30 fps)	8-ch@1080p (30 fps)	4-ch@8 MP (30 fps)
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.
Display	-	1 HDMI / 1 VGA	1 HDMI / 1 VGA
LCD	-	-	-
Storage Capacity	1 SATA interface 1 built-in 3.5-inch 2 TB SATA hard disk	1 SATA interface 1 built-in 3.5-inch 2 TB SATA hard disk	1 SATA interface 1 built-in 3.5-inch 2 TB SATA hard disk
eSATA/Mini SAS	-	-	-
RAID Type	-	-	-
Video Output	-	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA independent output HDMI: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA independent output HDMI: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	16/4	4/1	4/1
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE Port	-	-	-
USB Port	-	Rear panel: 1 × USB 3.0, 1 × USB 2.0	Rear panel: 1 × USB 3.0, 1 × USB 2.0
Smart Function	λλ Deep learning based video analytics for false alarm reduction; λ VCA search for false alarm reduction	λλ Deep learning based video analytics for facial recognition and face picture comparison	Deep learning based video analytics for not wearing hard hat detection and behavior analysis, including people running detection, people gathering detection, violent motion detection, using mobile phone detection, etc.
Power Consumption (without HDD)	≤ 30 W	≤ 30 W	≤ 30 W
Description	Up to 16-ch 4 MP video analysis for human and vehicle recognition to reduce false alarms	16 libraries with 100,000 face pictures in total; Face picture comparison and alarm linkage actions for up to 8 channels	Up to 4-ch 4MP, facial recognition is supported for people not wearing hard hat 16 libraries 100000 pictures Up to 4-ch 4MP, including absence detection, staying overtime detection, number of people exception detection, and playing mobile phone detection Up to 4-ch 4MP, including people gathering detection, people running detection, physical conflict detection, and people falling down detection Up to 4-ch 4MP, including people counting statistics and regional people counting







Ultra Series NVR

Superior Storage and Robust Recording


- › H.265+/H.265, H.264+/H.264, MPEG4 self-adapting decoding
- › Advanced streaming technology enables a smooth live feed even under imperfect network conditions
- › Supports RAID 0, 1, 5, 6, 10 and N+M hot spare for even more reliable data storage, effectively reducing data loss risks
- › Supports people counting cameras, automatic number plate recognition (ANPR) cameras, fisheye cameras, and PoS text overlay
- › Supports IoT systems (CCTV and Non-CCTV convergence)



Model	DS-96256NI-I24/H	DS-96256NI-I24	DS-96128NI-I24/H	DS-96128NI-I24	DS-96256NI-I16
Image					
Hardware Platform	Intel Xeon E3 Quad-Core processor	Intel Xeon E3 Quad-Core processor	Intel Xeon E3 Quad-Core processor	Intel Core I3 Dual-Core processor	Intel Xeon E3 Quad-Core processor
Channel No.	256-ch	256-ch	128-ch	128-ch	256-ch
Decoding Format	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)
Incoming/Outgoing Bandwidth	768 Mbps / 768 Mbps 768 Mbps / 768 Mbps (RAID mode)	768 Mbps / 768 Mbps 768 Mbps / 768 Mbps (RAID mode)	768 Mbps / 512 Mbps 768 Mbps / 512 Mbps (RAID mode)	576 Mbps / 512 Mbps 576 Mbps / 512 Mbps (RAID mode)	768 Mbps / 768 Mbps 768 Mbps / 768 Mbps (RAID mode)
Decoding Capacity	20-ch @ 1080p	20-ch @ 1080p	20-ch @ 1080p	20-ch @ 1080p	20-ch @ 1080p
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1-4 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1-4 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1-4 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1-4 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1-4 when ultra HD resolution mode is enabled.
Display	2 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 1 VGA
Video Output	HDMI:Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz VGA:1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	HDMI:Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz VGA:1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	HDMI:Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz VGA:1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	HDMI:Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz VGA:1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	HDMI:Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz VGA:1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz
LCD	One 7 inch LCD (Optional)	One 7 inch LCD (Optional)	One 7 inch LCD (Optional)	One 7 inch LCD (Optional)	One 7 inch LCD (Optional)
Storage Capacity	24 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	24 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	24 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	24 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	16 SATA interfaces supporting hot-plug Up to 10 TB for each HDD
eSATA / Mini SAS	1 × eSATA interface, 2 × mini SAS interface (optional)	1 × eSATA interface, 2 × mini SAS interface (optional)	1 × eSATA interface, 2 × mini SAS interface (optional)	1 × eSATA interface, 2 × mini SAS interface (optional)	1 × eSATA interface, 2 × mini SAS interface (optional)
RAID Type	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10
Audio Output	1-ch. RCA (2.0 Vp-p, 1 KΩ)	1-ch. RCA (2.0 Vp-p, 1 KΩ)	1-ch. RCA (2.0 Vp-p, 1 KΩ)	1-ch. RCA (2.0 Vp-p, 1 KΩ)	1-ch. RCA (2.0 Vp-p, 1 KΩ)
Alarm I/O	16/8	16/8	16/8	16/8	16/8
Network Interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface
PoE Port	-	-	-	-	-
USB Port	Front Panel: 1 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 1 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 1 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 1 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0
Smart Function	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map
Power Consumption (without HDD)	≤ 140W	≤ 140W	≤ 140W	≤ 140W	≤ 140W
Description	-	-	-	-	-

Model	DS-96256NI-I16/H	DS-96128NI-I16	DS-96128NI-I16/H	DS-96064NI-I16	DS-9664NI-I16	DS-9632NI-I16
Image						
Hardware Platform	Intel Xeon E3 Quad-Core processor	Intel Core I3 Dual-Core processor	Intel Core I3 Dual-Core processor	Intel Pentium Dual-Core processor	Quad-core embedded processor	Quad-core embedded processor
Channel No.	256-ch	128-ch	128-ch	64-ch	64-ch	32-ch
Decoding Format	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4
Incoming/Outgoing Bandwidth	768 Mbps / 768 Mbps 768 Mbps / 768 Mbps (RAID mode)	576 Mbps / 512 Mbps 576 Mbps / 512 Mbps (RAID mode)	768 Mbps / 512 Mbps 768 Mbps / 512 Mbps (RAID mode)	512 Mbps / 512 Mbps 512 Mbps / 400 Mbps (RAID mode)	200 Mbps / 256 Mbps 320 Mbps / 200 Mbps (RAID mode)	200 Mbps / 256 Mbps 320 Mbps / 200 Mbps (RAID mode)
Decoding Capacity	20-ch @ 1080p	20-ch @ 1080p	20-ch @ 1080p	20-ch @ 1080p	2-ch @ 12 MP (20 fps) / 4-ch @ 8 MP (25 fps) / 8-ch @ 4 MP (30 fps) / 16-ch @ 1080p (30 fps)	2-ch @ 12 MP (20 fps) / 4-ch @ 8 MP (25 fps) / 8-ch @ 4 MP (30 fps) / 16-ch @ 1080p (30 fps)
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1-4 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1-4 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1-4 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1-4 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.
Display	2 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA
Video Output	HDMI:Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz VGA:1-ch. Resolution: 1080p (1920 × 1080) /60Hz, UXGA (1600 × 1200) /60Hz, SXGA (1280 × 1024) /60Hz, 720p (1280 × 720) /60Hz, XGA (1024 × 768) /60Hz	HDMI:Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz VGA:1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	HDMI:Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz VGA:1-ch. Resolution: 1080p (1920 × 1080) /60Hz, UXGA (1600 × 1200) /60Hz, SXGA (1280 × 1024) /60Hz, 720p (1280 × 720) /60Hz, XGA (1024 × 768) /60Hz	HDMI:Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz VGA:1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDMI2:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDMI2:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
LCD	One 7 inch LCD (Optional)	One 7 inch LCD (Optional)	One 7 inch LCD (Optional)	One 7 inch LCD (Optional)	-	-
Storage Capacity	16 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	16 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	16 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	16 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	16 SATA interfaces Up to 10 TB for each HDD	16 SATA interfaces Up to 10 TB for each HDD
eSATA / Mini SAS	1 × eSATA interface, 2 × mini SAS interface (optional)	1 × eSATA interface, 2 × mini SAS interface (optional)	1 × eSATA interface, 2 × mini SAS interface (optional)	1 × eSATA interface, 2 × mini SAS interface (optional)	1 × eSATA interface	1 × eSATA interface
RAID Type	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10
Audio Output	1-ch. RCA (2.0 Vp-p, 1 KΩ)	1-ch. RCA (2.0 Vp-p, 1 KΩ)	1-ch. RCA (2.0 Vp-p, 1 KΩ)	1-ch. RCA (2.0 Vp-p, 1 KΩ)	1-ch. RCA (2.0 Vp-p, 1 KΩ)	1-ch. RCA (2.0 Vp-p, 1 KΩ)
Alarm I/O	16/8	16/8	16/8	16/8	16/8	16/8
Network Interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
PoE Port	-	-	-	-	-	-
USB Port	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 1 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 1 × USB 3.0
Smart Function	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras
Power Consumption (without HDD)	≤ 140W	≤ 140W	≤ 140W	≤ 140W	≤ 45 W	≤ 45 W
Description	-	-	-	-	-	-

Network Camera
PTZ Dome Camera
Panoramic Camera
Explosion-Proof & Anti-Corrosion Series
NVR
Network Storage
Data Center
Thermal
Commercial Display
Decoder
Video Wall Controller
Software
Accessories
DORI Distance





Model	DS-9664NI-I8	DS-9632NI-I8	DS-9616NI-I8	DS-8632NI-K8	DS-8616NI-K8
Image	 HOT	 HOT			
Hardware Platform	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor
Channel No.	64-ch	32-ch	16-ch	32-ch	16-ch
Decoding Format	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4
Incoming/Outgoing Bandwidth	320 Mbps / 256 Mbps 200 Mbps / 200 Mbps (RAID mode)	320 Mbps / 256 Mbps 200 Mbps / 200 Mbps (RAID mode)	256 Mbps / 256 Mbps 200 Mbps / 200 Mbps (RAID mode)	256 Mbps / 160 Mbps	160 Mbps / 160 Mbps
Decoding Capacity	2-ch @ 12 MP (20 fps) / 4-ch @ 8 MP (25 fps) / 8-ch @ 4 MP (30 fps) / 16-ch @ 1080p (30 fps)	2-ch @ 12 MP (20 fps) / 4-ch @ 8 MP (25 fps) / 8-ch @ 4 MP (30 fps) / 16-ch @ 1080p (30 fps)	2-ch @ 12 MP (20 fps) / 4-ch @ 8 MP (25 fps) / 8-ch @ 4 MP (30 fps) / 16-ch @ 1080p (30 fps)	2-ch @ 8 MP (25 fps) / 4-ch @ 4 MP (30 fps) / 8-ch @ 1080p (30 fps)	2-ch @ 8 MP (25 fps) / 4-ch @ 4 MP (30 fps) / 8-ch @ 1080p (30 fps)
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF	8 MP / 6 MP / 5 MP / 4 MP / 3 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF
Display	2 HDMI / 2 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA
Video Output	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
LCD	-	-	-	-	-
Storage Capacity	8 SATA interfaces Up to 10 TB for each HDD	8 SATA interfaces Up to 10 TB for each HDD	8 SATA interfaces Up to 10 TB for each HDD	8 SATA interfaces Up to 6TB capacity for each HDD	8 SATA interfaces Up to 6TB capacity for each HDD
eSATA / Mini SAS	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface
RAID Type	RAID0, RAID1, RAID5, RAID 6, RAID10	RAID0, RAID1, RAID5, RAID6, RAID10	RAID0, RAID1, RAID5, RAID6, RAID10	-	-
Audio Output	2-ch. RCA (2.0Vp-p, 1 KΩ)	2-ch. RCA (2.0Vp-p, 1 KΩ)	2-ch. RCA (2.0Vp-p, 1 KΩ)	2-ch. RCA (Linear, 1 K Ω)	2-ch. RCA (Linear, 1 K Ω)
Alarm I/O	16/4	16/4	16/4	16/4	16/4
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces
PoE Port	-	-	-	-	-
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras
Power Consumption (without HDD)	≤ 30 W	≤ 30 W	≤ 30 W	≤ 30 W	≤ 30 W
Description	-	-	-	-	-





Pro Series NVR

First choice for small- to medium-sized projects

- › H.264/H.264+, H.265/H.265+, MPEG4 self-adapting decoding
- › Supports VCA search and POS function
- › New easy-to-use GUI 4.0 features intuitive interface
- › Hik-Connect for easy network management



Model	DS-7808NXI-I2/S	DS-7808NXI-I2/8P/S	DS-7816NXI-I2/S	DS-7816NXI-I2/16P/S
Image	 AcuSense	 AcuSense	 AcuSense	 AcuSense
Hardware Platform	-	-	-	-
Channel No.	8-ch	8-ch	16-ch	16-ch
Decoding Format	H.265+/H.265/H.264+/H.264/ MPEG4	H.265+/H.265/H.264+/H.264/ MPEG4	H.265+/H.265/H.264+/H.264/MPEG4	H.265+/H.265/H.264+/H.264/MPEG4
Incoming/Outgoing Bandwidth	320M/256M	320M/256M	320M/256M	320M/256M
Decoding Capacity	16-ch @ 1080p (30fps)	16-ch @ 1080p (30fps)	16-ch @ 1080p (30fps)	16-ch @ 1080p (30fps)
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF
Display	1HDMI/1 VGA	1HDMI/1 VGA	1HDMI/1 VGA	1HDMI/1 VGA
LCD	-	-	-	-
Storage Capacity	2 SATA interfaces supporting hot-plug Up to 10TB capacity for each HDD	2 SATA interfaces supporting hot-plug Up to 10TB capacity for each HDD	2 SATA interfaces supporting hot-plug Up to 10TB capacity for each HDD	2 SATA interfaces supporting hot-plug Up to 10TB capacity for each HDD
eSATA / Mini SAS	-	-	-	-
RAID Type	-	-	-	-
Video Output	HDMI: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	4/1	4/1	4/1	4/1
Network Interface	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	-	8P	-	16P
USB Port	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras
Power Consumption (without HDD)	≤15 W	≤15 W	≤15 W	≤15 W
Description	16 libraries with 10,000 face pictures in total Face picture comparison and alarm linkage actions for up to 4 channels Up to 4-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms	16 libraries with 10,000 face pictures in total Face picture comparison and alarm linkage actions for up to 4 channels Up to 4-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms	16 libraries with 10,000 face pictures in total Face picture comparison and alarm linkage actions for up to 4 channels Up to 4-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms	16 libraries with 10,000 face pictures in total Face picture comparison and alarm linkage actions for up to 4 channels Up to 4-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms



Model	DS-7916NXI-I4/S	DS-7916NXI-I4/16P/S	DS-7932NXI-I4/S	DS-7932NXI-I4/16P/S
Image	 AcuSense	 AcuSense	 AcuSense	 AcuSense
Hardware Platform	-	-	-	-
Channel No.	16-ch	16-ch	32-ch	32-ch
Decoding Format	H.265+/H.265/H.264+/H.264/MPEG4	H.265+/H.265/H.264+/H.264/MPEG4	H.265+/H.265/H.264+/H.264/MPEG4	H.265+/H.265/H.264+/H.264/MPEG4
Incoming/Outgoing Bandwidth	320M/256M	320M/256M	320M/256M	320M/256M
Decoding Capacity	16-ch @ 1080p (30fps)	16-ch @ 1080p (30fps)	16-ch @ 1080p (30fps)	16-ch @ 1080p (30fps)
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Display	2HDMI/1 VGA	2HDMI/1 VGA	2HDMI/1 VGA	2HDMI/1 VGA
LCD	-	-	-	-
Storage Capacity	4 SATA interfaces supporting hot-plug Up to 10TB capacity for each HDD	4 SATA interfaces supporting hot-plug Up to 10TB capacity for each HDD	4SATA interfaces supporting hot-plug Up to 10TB capacity for each HDD	4 SATA interfaces supporting hot-plug Up to 10TB capacity for each HDD
eSATA / Mini SAS	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface
RAID Type	-	-	-	-
Video Output	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI2/VGA independent output	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI2/VGA independent output	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI2/VGA independent output	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI2/VGA independent output
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	16/8	16/8	16/8	16/8
Network Interface	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	-	16P	-	16P
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras
Power Consumption (without HDD)	≤30 W	≤30 W	≤30 W	≤30 W
Description	16 libraries with 10,000 face pictures in total Face picture comparison and alarm linkage actions for up to 4 channels Up to 4-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms	16 libraries with 10,000 face pictures in total Face picture comparison and alarm linkage actions for up to 4 channels Up to 4-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms	16 libraries with 10,000 face pictures in total Face picture comparison and alarm linkage actions for up to 4 channels Up to 4-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms	16 libraries with 10,000 face pictures in total Face picture comparison and alarm linkage actions for up to 4 channels Up to 4-ch 2 MP video analysis for human and vehicle recognition to reduce false alarms


Workstation Series

Seeking VMS Partners for Collaboration

- > Unique module featuring outstanding hardware development
- > Supports Windows 10 or Linux Ubuntu OS for third-party VMS
- > Configurable alarm I/O and PoE interfaces for third-party integration
- > Multiple models with corresponding hardware such as CPU, memory, and storage to satisfy a host of applications



Model	DS-9000AI-S16-D	DS-WSELI-T4(/16P)
Image		
Processor	Quad-Core Intel® Xeon® Processor E3 V5 Series	Intel® Celeron® Processor J3455 (2M Cache, up to 2.3 GHz), 64 bit, 4 Core;
Operating System	Ubuntu Linux is installed by default. Microsoft Windows, including Windows 7E, Windows 10, and Windows Server 2012 R2 can be installed	Ubuntu Linux 16.04
System Disk (OS,VMS)	Industrial-level SSD with 128 GB capacity	mSATA 32GB Optional: mSATA 64 GB
Memory	8 GB DDR4. ECC parity. Extendable up to 64 GB	4 GB
No. of Channels	-	-
Decoding Format	-	-
Incoming/Outgoing Bandwidth	-	-
Decoding Capacity	-	-
Recording Resolution	-	-
Display	2 HDMI / 1 VGA	2 HDMI / 1 VGA
LCD	-	-
Storage Capacity	16 SATA interfaces Up to 10 TB for each HDD	4 SATA interfaces Up to 10 TB for each HDD
eSATA / Mini SAS	1 × eSATA interface 2 × mini SAS interface (optional)	-
RAID Type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	-
Video Output	VGA:1-ch, resolution: 1080p (1920x1080)/60Hz, UXGA (1600x1200)/60Hz, SXGA(1280x1024)/60Hz, 720p (1280x 720)/60Hz, XGA (1024x768)/60Hz HDMI:Two independent HDMI outputs, resolution: 4K (4096x2160), 4K(3840x2160)/30Hz, 2K (2560x1440)/60Hz, 1080p (1920x1080)/60Hz, UXGA (1600x1200)/60Hz, SXGA (1280x1024)/60Hz, 720p (1280x720)/60Hz, XGA (1024x768)/60Hz	VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, 3.5 mm audio connector
Alarm I/O	16/8	16/4
Network Interface	4 × RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
PoE Port	-	(16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces)
USB Port	Rear panel: 2 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 4 × USB 3.0
Smart Function	-	-
Power Consumption (without HDD)	≤ 350 W	≤ 30 W
Chassis	-	19-inch rack-mounted 1.5U chassis
Description	-	-

Model	DS-WSELI-T2(/8P)	DS-WSPLI-T2	DS-WSPLI-T4	DS-WSPLI-T8
Image				
Processor	Intel® Celeron® Processor J3455 (2M Cache, up to 2.3 GHz), 64 bit, 4 Core;	Intel® Core™ i5-8500 Processor (9M Cache, 3.00 GHz, up to 4.10 GHz) Optional: G4900, I3-8100, I7-8700, E-2176G	Intel® Core™ i5-8500 Processor (9M Cache, 3.00 GHz, up to 4.10 GHz) Optional: G4900, I3-8100, I7-8700, E-2176G	Intel® Xeon® Processor E3-1225 v5, 3.30 GHz Optional: G4400 3M Cache, 3.30GHz; i3-6100 3M Cache, 3.70GHz; i5-6500 6M Cache, 3.20GHz; i7-6700 8M Cache, 3.40GHz
Operating System	Ubuntu Linux 16.04	Ubuntu 18.04.2	Ubuntu 18.04.2	Ubuntu Linux 16.04
System Disk (OS,VMS)	mSATA 32 GB Optional: mSATA 64 GB	mSATA 128 GB Optional: mSATA 64 GB	mSATA 128 GB Optional: mSATA 64 GB	mSATA 64 GB Optional: mSATA 128 GB
Memory	4 GB	8 GB Optional: 16 GB	8 GB Optional: 16 GB	8 GB = 2 * 4 GB
No. of Channels	-	-	-	-
Decoding Format	-	-	-	-
Incoming/Outgoing Bandwidth	-	-	-	-
Decoding Capacity	-	-	-	-
Recording Resolution	-	-	-	-
Display	2 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 1 VGA
LCD	-	-	-	-
Storage Capacity	2 SATA interfaces Up to 10 TB for each HDD	2 SATA interfaces Up to 8 TB for each HDD	4 SATA interfaces Up to 8 TB for each HDD	8 SATA interfaces Up to 10 TB for each HDD
eSATA / Mini SAS	-	-	-	-
RAID Type	-	-	-	-
Video Output	VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, 3.5 mm audio connector	1-ch, 3.5 mm audio connector	1-ch, 3.5 mm audio connector	1-ch, 3.5 mm audio connector
Alarm I/O	4/2	4/2	4/2	Optional: 16/4
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
PoE Port	(8 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces)	-	-	-
USB Port	Front Panel: 2 × USB 2.0; Rear Panel: 4 × USB 3.0	Front panel: 2 × USB 2.0, rear panel: 4 × USB 3.0	Front panel: 2 × USB 2.0, rear panel: 4 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 4 × USB 3.0
Smart Function	-	-	-	-
Power Consumption (without HDD)	≤ 30 W	≤ 150 W	≤ 150 W	≤ 120 W
Chassis	19-inch rack-mounted 1U chassis	19-inch rack-mounted 1U chassis	19-inch rack-mounted 1.5U chassis	19-inch rack-mounted 2U chassis
Description	-	-	-	-

Network Storage

076 Hybrid SAN

080 Cluster Storage










Hikvision Hybrid SAN Products


Cost-Effective, Dedicated, Superior Data Security and Sustainability


- › Dual mode support: Video Direct Streaming and IPSAN
- › Video Direct Streaming mode eliminates need for recording servers, with excellent cost-effective video storage
- › Video stream-based R/W/Search operation, higher efficiency
- › Super N+1 failover (1 failover node to take over traffic of multiple faulty nodes) providing enhanced video safety
- › Proven lab and field compatibility in IPSAN mode with leading VMSs such as Milestone, AXXON, ISS, etc.
- › Supports local, remote, and scheduled backup
- › Hybrid SAN with pre-installed HDDs creates cost-effective solutions for long-term storage
- › Supports ONVIF, PSIA, and RTSP protocols and extended data retention (with third-party cameras such as Bosch, Axis, Sony, Samsung, etc.)




Model		DS-A81016S	DS-A80624S	DS-A82024D	DS-A72024R
Image					
Performance	Direct Streaming mode: video (2 Mbps) + picture	320-ch recording + playback	320-ch recording + playback	448-ch (recording + playback)	820-ch recording + playback
	IPSAN	180-ch recording + playback	180-ch recording + playback	256-ch (recording + playback)	-
Controller	Processor	One controller (64-bit multi-core processor)	One controller (64-bit multi-core processor)	Dual controller (64-bit multi-core processor)	Dual 64-bit multi-core processor
	Cache	4 GB (extendable to 32 GB)	4 GB (extendable to 32 GB)	8 GB (extendable to 32 GB)/controller	8 GB (extendable to 128 GB)
HDD	HDD slot	16	24	24	24
	Interface/capacity	2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 14TB, 16TB	2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 14TB, 16TB	2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 14TB, 16TB,	2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 14TB, 16TB
	RAID	RAID0, 1, 3, 5, 6, 10, 50, JBOD, Hot-spare	RAID 0, 1, 3, 5, 6, 10, 50, JBOD, Hot-Spare	RAID0, 1, 3, 5, 6, 10, 50, JBOD, Hot-Spare	RAID 0, 1, 3, 5, 6, 10, 50, JBOD, hot spare
Network	Protocol	iSCSI, RTSP, ONVIF, PSIA	iSCSI, RTSP, ONVIF, PSIA	iSCSI, RTSP, ONVIF, PSIA	iSCSI, RTSP, ONVIF, PSIA
Storage Management	Disk management	Disk inspection, alarm and repair	Disk inspection, alarm and repair	Disk inspection, alarm and repair	Disk inspection, alarm and repair
	Logical volume management	iSCSI volume, video volume management	iSCSI volume, video volume management	iSCSI volume, video volume management	iSCSI volume, video volume management
Recording Management	Recording mode	Timing recording, manual recording, dual-stream recording, alarm recording	Timing recording, manual recording, dual-stream recording, alarm recording	Timing recording, manual recording, dual-stream recording, alarm recording	Timing recording, manual recording, dual-stream recording, alarm recording
	Video protection	Lock key video, N+1 service protection, ANR, video loss detection and alarm	Lock key video, N+1 service protection, ANR, video loss detection and alarm	Lock key video, N+1 service protection, ANR, video loss detection and alarm	Lock key video, N+1 service protection, ANR, video loss detection and alarm
Device Maintenance	Management mode	Web-based GUI, serial port CLI, centralized management of multiple devices	Web-based GUI, serial port CLI, centralized management of multiple devices	Web-based GUI, serial port CLI, centralized management of multiple devices	Web-based GUI, serial port CLI, centralized management of multiple devices
	Alarm mode	Sound, light, email, message, web page	Sound, light, email, message, web page	Sound, light, email, message, web page	Sound, light, email, message, web page
External Interface	Data network interface	3, 1000M Ethernet interface	3, 1000M Ethernet interface	4, 1000M Ethernet interface (4 × 6GbE or 2 × 10GbE is extendable) per controller	4, 1000M Ethernet interface (4 × 1GbE or 2 × 10GbE is extendable)
	Management network interface	1, 1000M Ethernet interface	1, 1000M Ethernet interface	1, 1000M Ethernet interface/Controller	1, 1000M Ethernet interface/Controller
	Mini SAS interface	Supported	Supported	Supported	Supported
General	Power supply	Redundant	Redundant	Redundant	Redundant
	Dimensions(W × H × D)	3U Chassis(486 x 134 x 535 mm)	4U Chassis(484 x 174 x 568 mm)	4U Chassis(484 x 174 x 760 mm)	4U Chassis(484 x 174 x 724 mm)

Model		DS-AT1000S/240	DS-AT1000S/320	DS-AT1000S/480
Image				
Performance	Direct Streaming mode: video (2 Mbps) + picture	256-ch recording + playback	256-ch recording + playback	400-ch recording + playback
	IPSAN	-	-	-
Controller	Processor	64-bit multi-core processor	64-bit multi-core processor	64-bit multi-core processor
	Cache	12 GB (extendable to 32 GB)	12 GB (extendable to 32 GB)	16 GB (extendable to 32 GB)
HDD	HDD slot	16 (the device is packaged with 12 HDDs)	16 (the device is packaged with 16 HDDs)	24 (the device is packaged with 24 HDDs)
	Interface/capacity	SATA / 20 TB	SATA / 20 TB	SATA / 20 TB
	RAID	iRAID, RAID5, RAID6	iRAID, RAID5, RAID6	iRAID, RAID5, RAID6
Network	Protocol	RTSP, ONVIF, HKSDK	RTSP, ONVIF, HKSDK	RTSP, ONVIF, HKSDK
Storage Management	Disk management	Disk detection pre-alarm and repair	Disk detection pre-alarm and repair	Disk detection pre-alarm and repair
	Logical volume management	Recording volume management	Recording volume management	Recording volume management
Recording Management	Recording mode	Continuous recording, manual recording, and alarm recording	Continuous recording, manual recording, and alarm recording	Continuous recording, manual recording, and alarm recording
	Video protection	Video lock, video loss alarm	Video lock, video loss alarm	Video lock, video loss alarm
Device Maintenance	Management mode	GUI based on web, serial port CLI, platform	GUI based on web, serial port CLI, platform	GUI based on web, serial port CLI, platform
	Alarm mode	Audio, indicator, GUI	Audio, indicator, GUI	Audio, indicator, GUI
External Interface	Data network interface	3, 1000 Mbps Ethernet interface	3, 1000 Mbps Ethernet interface	4, 1000 Mbps Ethernet interface
	Management network interface	1, 1000 Mbps Ethernet interface	1, 1000 Mbps Ethernet interface	1, 1000 Mbps Ethernet interface
	Mini SAS interface	N/A	N/A	N/A
General	Power supply	Redundant	Redundant	Redundant
	Dimensions(W × H × D)	3U Chassis(486 x 134 x 535 mm)	3U Chassis(486 x 134 x 535 mm)	4U Chassis(484 x 174 x 724 mm)

Model		DS-AJ7824D	
Image			
Controller Parameters	Controller	2 Controller	
	SAS Interface (Upper-level)	2 (12 Gbps)	
	SAS Interface (Lower-level)	1 (12 Gbps)	
	HDD Interfaces	24	
	HDD Interface Type	SAS	
	Hot Swap HDD	Supported	
	Power	Redundant (1+1)	
	Applicable Models	DS-A82024D	
	General		
	Chassis	4U Chassis	
Dimensions(W x H x D)	484 x 174 x 760 mm		
Weight (without hard disk)	40 kg (88.2 lb)		
Consumption (with max. hard disks)	≤ 550 W		

Model		DS-AD82012D-ODL	
Image		 NEW	
Every Controller	Processor	multi-core processor	
	Cache	8 GB	
	Network Interface	4 × 10 Gbps per controller	
	Array Channel	2 × 12Gb SAS	
	Max. Storage Space	3.1 PB	
	Max. Disk Number	264	
	Enclosure	Multilevel	
	Cabinet	Network Exchange	8 × 10 Gbps RJ45 interface, or 8 × 10 Gbps fiber optic interface, or 8 × 16GbFC interface, or 8 × 12GbSAS interface, or the mixture of 4 × 10 Gbps fiber optic interface and 4 × 16GbFC interface
		Power Supply	Redundant power supply (1+1)
		HDD Interfaces	12 (The default full match)
HDD Interface Type		SAS	
Application		support IPSAN, FCSAN (snapshot, replication, clone, Thin provisioning)	
Software		Management Method	GUI based on web, in-band and out-band, support the unified management of multiple devices
		Management Software	Web browser and client software
General		Dimension (W x D x H)	483 × 88 × 603 mm (19.0 × 3.5 × 23.7 inch), standard 2U chassis
		Weight (Maximum Capacity)	32 kg (70.5 lb)
		Consumption (without HDD)	≤ 580 W
	Temperature	Working temperature: 10 °C to 35 °C (50 °F to 95 °F) Storing temperature: -20 °C to 65 °C (-4 °F to 149 °F)	
	Humidity	Working humidity: 20% to 80% RH (non-freezing, non-condensing) Storing humidity: 5% to 90% RH (non-freezing, non-condensing)	

Model		DS-AJ6884D-ODL	
Image		 NEW	
Controller Parameters	Controller	2 Controller	
	HDD Interfaces	84 (The default full match)	
	HDD Interface Type	SAS	
	Enclosure	Multilevel	
	Power	Redundant (1+1)	
	Applicable Models	DS-AD82012D-ODL	
	General	Chassis	standard 5U chassis
		Dimension (W x D x H)	483 × 222 × 975 mm (19.0 × 8.7 × 38.4 inch)
		Weight (Maximum Capacity)	135 kg (297.6 lb)
		Consumption (without HDD)	≤ 2200 W





Hikvision Cluster Storage Products

High Performance, High Scalability, High Reliability, High Availability

- > Clustering technology creates load balancing and prevents single-point failure
- > Supports fault tolerance to prevent single device failure
- > Virtual management unifies storage resources to one pool for flexible utilization.
- > Storage types include video, images, files, and objects
- > Equipment-level redundancy reaches the highest levels of data security
- > Real-time online system capacity expansion; one cluster device can expand to up to 30,000 channels of video input and 300 PB storage
- > These products make use of ultra-fault-tolerant Network RAID technology (based on Erasure Code)
- > One IP for the entire storage system means easy maintenance
- > Video can be backed up locally and via cluster storage to improve system reliability



Cluster Storage

Model		DS-A81024S-ICVS	DS-A81048S-ICVS	DS-A83024S-ICVS	DS-A83048S-ICVS
Image		 HOT	 HOT	 HOT	 HOT
Performance	Standard cluster (2 Mbps)	240-ch	240-ch	600-ch	600-ch
	Standard cluster (4 Mbps)	150-ch	150-ch	300-ch	300-ch
Controller	Micro cluster (2 Mbps)	200-ch	200-ch	550-ch	550-ch
	Micro cluster (4 Mbps)	120-ch	120-ch	250-ch	250-ch
HDD	Processor	64-bit multi-core processors	64-bit multi-core processors	2,64-bit multi-core processors	2,64-bit multi-core processors
	Cache	16 GB	32 GB	64 GB (extendable to 384 GB)	64 GB(extendable to 384 GB)
	HDD slot	24	48	24	48
	Interface	SATA / SAS	SATA / SAS	SATA / SAS	SATA / SAS
	Capacity	2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 14TB, 16TB (enterprise HDD)	2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 14TB, 16TB (enterprise HDD)	2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 14TB, 16TB (enterprise HDD)	2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 14TB, 16TB (enterprise HDD)
	Hot-swapping	Supported	Supported	Supported	Supported
	RAID	IRAIID: N + M: K, N + M ≤ 16, M ≥ K, N ∈ [1, 15], M ∈ [1, 4], K ∈ [1, 4]	IRAIID: N + M: K, N + M ≤ 16, M ≥ K, N ∈ [1, 15], M ∈ [1, 4], K ∈ [1, 4]	IRAIID: N + M: K, N + M ≤ 16, M ≥ K, N ∈ [1, 15], M ∈ [1, 4], K ∈ [1, 4]	IRAIID: N + M: K, N + M ≤ 16, M ≥ K, N ∈ [1, 15], M ∈ [1, 4], K ∈ [1, 4]
Storage	Disk	Disk detection pre-alarm and repair	Disk detection pre-alarm and repair	Disk detection pre-alarm and repair	Disk detection pre-alarm and repair
	Cache protection	Supports customizing BBU in case of unexpected power failure to protect the cache data from being lost.	Supports customizing BBU in case of unexpected power failure to protect the cache data from being lost.	Supports customizing BBU in case of unexpected power failure to protect the cache data from being lost.	Supports customizing BBU in case of unexpected power failure to protect the cache data from being lost.
Recording	CVA	Device access, recording schedule, and stream forwarding services	Device access, recording schedule, and stream forwarding services	Device access, recording schedule, and stream forwarding services	Device access, recording schedule, and stream forwarding services
	CVS	Data storage, video/picture access, storage space, and data R/W services	Data storage, video/picture access, storage space, and data R/W services	Data storage, video/picture access, storage space, and data R/W services	Data storage, video/picture access, storage space, and data R/W services
Maintenance and Management	Management method	GUI based on web, serial port CLI, platform	GUI based on web, serial port CLI, platform	GUI based on web, serial port CLI, platform	GUI based on web, serial port CLI, platform
Network	Alarm method	Audio, indicator, GUI	Audio, indicator, GUI	Audio, indicator, GUI	Audio, indicator, GUI
	Protocol	RTSP, ONVIF, PSIA, etc.	RTSP, ONVIF, PSIA, etc.	RTSP, ONVIF, PSIA, etc.	RTSP, ONVIF, PSIA, etc.
Interfaces	Data network interface	4, 1000M Ethernet interface (8 × GbE or 4 × 10GbE is extendable)	4, 1000M Ethernet interface (8 × GbE or 4 × 10GbE is extendable)	6, 1000M Ethernet interface (8 × GbE or 4 × 10GbE is extendable)	6, 1000M Ethernet interface (8 × GbE or 4 × 10GbE is extendable)
	Management network interface	1, 1000M Ethernet interface	1, 1000M Ethernet interface	1, 1000M Ethernet interface	1, 1000M Ethernet interface
	SAS extension interface	3, 12 Gbps SAS 3.0 interface	3, 12 Gbps SAS 3.0 interface	3, 12 Gbps SAS 3.0 interface	3, 12 Gbps SAS 3.0 interface
	COM interface	2 (1 for RS-232, 1 for RS-485)	2 (1 for RS-232, 1 for RS-485)	2 (1 for RS-232, 1 for RS-485)	2 (1 for RS-232, 1 for RS-485)
	USB interface	3 (2 × USB 3.0, 1 × USB 2.0)	3 (2 × USB 3.0, 1 × USB 2.0)	3 (2 × USB 3.0, 1 × USB 2.0)	3 (2 × USB 3.0, 1 × USB 2.0)
	VGA interface	1	1	-	-
General	Power supply (rated)	Redundant 1 + 1, ≤ 550 W	Redundant 2 + 1, ≤ 1600 W	Redundant 1 + 1, ≤ 550 W	Redundant 2 + 1, ≤ 1600 W
	Consumption (withHDDs)	≤ 420 W	≤ 710 W	≤ 484 W	≤ 763 W
	Environment temperature	Working: +5 °C to +35 °C (+41 °F to +95 °F) Storage: -20 °C to +70 °C (-4 °F to +158 °F)	Working: +5 °C to +35 °C (+41 °F to +95 °F) Storage: -20 °C to +70 °C (-4 °F to +158 °F)	Working: +5 °C to +35 °C (+41 °F to +95 °F) Storage: -20 °C to +70 °C (-4 °F to +158 °F)	Working: +5 °C to +35 °C (+41 °F to +95 °F) Storage: -20 °C to +70 °C (-4 °F to +158 °F)
	Environment humidity	Working: 20% to 80%RH (non-condensing/frozen) Storage: 5% to 90%RH (non-condensing/frozen)	Working: 20% to 80%RH (non-condensing/frozen) Storage: 5% to 90%RH (non-condensing/frozen)	Working: 20% to 80%RH (non-condensing/frozen) Storage: 5% to 90%RH (non-condensing/frozen)	Working: 20% to 80%RH (non-condensing/frozen) Storage: 5% to 90%RH (non-condensing/frozen)
	Dimension (W × H × D)	484 x 174 x 760 mm	487 x 345 x 751 mm	484 x 174 x 760 mm	487 x 345 x 751 mm
	Weight (without HDDs)	≤ 43 kg (90.4 lb)	≤ 70 kg (154.3 lb)	≤ 43 kg (94.8 lb)	≤ 93 kg (205 lb)

Data Center

083 DeepinMind Server

088 General Purpose Server








DeepinMind Server



Create Utility, Accurate, and Innovative AI


- > Fast and accurate facial, human body, vehicle and behavior recognition based on deep learning algorithms
- > Supports clustered implementation to facilitate load balancing, dynamic expansion, and system failover
- > Professional GPU accelerator with high computing capacity
- > Abundance of functions to meet needs in a multitude of scenarios and requirements










Model		DS-IF1032-03U/X	DS-IF1064-03U/X	DS-IF2003-A3H/NF	DS-IF2006-A3H/NF
Image		 HOT	 HOT	 HOT	 HOT
					
Facial analysis	Function module	Facial tracking, facial detection, facial rating, facial modeling, facial attribute analysis, facial comparison and alarm	Facial tracking, facial detection, facial rating, facial modeling, facial attribute analysis, facial comparison and alarm	Facial tracking, facial detection, facial rating, facial modeling, facial attribute analysis, facial comparison and alarm	Facial tracking, facial detection, facial rating, facial modeling, facial attribute analysis, facial comparison and alarm
	Facial attribute	Age, gender, smile, glasses, mask	Age, gender, smile, glasses, mask	Age, gender, smile, glasses, mask	Age, gender, smile, glasses, mask
	Video streaming performance	32-channel (1080p)	64-channel (1080P)	60-channel (1080P)	120-channel (1080P)
	Image streaming performance	160 pics/s	320 pics/s	450 pics/s	900 pics/s
	Format	jpeg, gif, bmp, png, tif	jpeg, gif, bmp, png, tif	jpeg, gif, bmp, png, tif	jpeg, gif, bmp, png, tif
Video structuralization	List storage capacity	1 million	1 million	3 million	3 million
	Function module	Moving target detection, tracking, rating, attribute analysis, modeling	Moving target detection, tracking, rating, attribute analysis, modeling	Moving target detection, tracking, rating, attribute analysis, modeling	Moving target detection, tracking, rating, attribute analysis, modeling
	Video processing performance	32-channel (1080p)	64-channel (1080P)	60-channel (1080P)	120-channel (1080P)
	Security image processing performance	48 pics/s (500W)	64 pics/s (500W)	85 pics/s (500W)	170 pics/s (500W)
	Human body attribute	Target direction/size/speed, upper/lower body clothing/color, age, hair style, gender, whether riding, whether carrying bag, whether wearing hat, mask, whether carrying article, number of personnel on non-motor vehicle, vehicle type	Target direction/size/speed, upper/lower body clothing/color, age, hair style, gender, whether riding, whether carrying bag, whether wearing hat, mask, whether carrying article, number of personnel on non-motor vehicle, vehicle type	Target direction/size/speed, upper/lower body clothing/color, age, hair style, gender, whether riding, whether carrying bag, whether wearing hat, mask, whether carrying article, number of personnel on non-motor vehicle, vehicle type	Target direction/size/speed, upper/lower body clothing/color, age, hair style, gender, whether riding, whether carrying bag, whether wearing hat, mask, whether carrying article, number of personnel on non-motor vehicle, vehicle type
Vehicle analysis	Vehicle attribute	license plate number, vehicle color, vehicle type, vehicle main brand	license plate number, vehicle color, vehicle type, vehicle main brand	license plate number, vehicle color, vehicle type, vehicle main brand	license plate number, vehicle color, vehicle type, vehicle main brand
	Function module	Vehicle detection, vehicle modeling, vehicle attribute analysis, vehicle recognition	Vehicle detection, vehicle modeling, vehicle attribute analysis, vehicle recognition	Vehicle detection, vehicle modeling, vehicle attribute analysis, vehicle recognition	Vehicle detection, vehicle modeling, vehicle attribute analysis, vehicle recognition
	Resolution	256 x 256 to 900W Pixel	256 x 256 to 900W Pixel	256 x 256 to 900W Pixel	256 x 256 to 900W Pixel
	Analysis and modeling	6 million pieces/day (7 MP)	8 million pieces/day (7 MP)	5.1 million pieces/day (7 MP)	10.2 million pieces/day (7 MP)
Format		Standard JPG/JPEG, BMP, PNG/TIFF, TIF, static GIF	Standard JPG/JPEG, BMP, PNG/TIFF, TIF, static GIF	Standard JPG/JPEG, BMP, PNG/TIFF, TIF, static GIF	Standard JPG/JPEG, BMP, PNG/TIFF, TIF, static GIF
*The above performance of facial analysis, vehicle analysis and video structuralization is mutually exclusive..					
General	4 × USB 3.0 interface, 2 × USB 2.0 interface	4 × USB 3.0 interface, 2 × USB 2.0 interface	4 × USB 3.0 interface, 2 × USB 2.0 interface	2 × USB 3.0 interface, 2 × USB 2.0 interface	2 × USB 3.0 interface, 2 × USB 2.0 interface
	1 × VGA interface	1 × VGA interface	1 × VGA interface	1 × VGA interface	1 × VGA interface
	4 × 1000M Ethernet interface	4 × 1000M Ethernet interface	4 × 1000M Ethernet interface	4 × 1000M self-adaptive Ethernet interface	4 × 1000M self-adaptive Ethernet interface
	19-inch 1U chassis	19-inch 1U chassis	19-inch 1U chassis	19-inch 2U chassis	19-inch 2U chassis
	Power consumption: 240 W	Power consumption: 240 W	Power consumption: 240 W	Power consumption: 750 W	Power consumption: 1600 W
	Working temperature: +5°C to +35°C (41°F to 95 °F)	Working temperature: +5°C to +35°C (41°F to 95 °F)	Working temperature: +5°C to +35°C (41°F to 95 °F)	Working temperature: +5°C to +35°C (41°F to 95 °F)	Working temperature: +5°C to +35°C (41°F to 95 °F)
	Storage temperature: -40 °C to +70 °C (-40 °F to +158 °F)	Storage temperature: -40 °C to +70 °C (-40 °F to +158 °F)	Storage temperature: -40 °C to +70 °C (-40 °F to +158 °F)	Storage temperature: -40 °C to +70 °C (-40 °F to +158 °F)	Storage temperature: -40 °C to +70 °C (-40 °F to +158 °F)
	Working humidity: 10% to 90%	Working humidity: 10% to 90%	Working humidity: 10% to 90%	Working humidity: 8% to 90% (without condensation)	Working humidity: 8% to 90% (without condensation)

Network Camera
 PTZ Dome Camera
 Panoramic Camera
 Explosion-Proof & Anti-Corrosion Series
 NVR
 Network Storage
 Data Center
 Thermal Display
 Commercial Decoder
 Video Wall Controller
 Software Accessories
 DORI Distance

Model		DS-VBD1HH-UH/H	DS-VBD1HH-UF/H
Image		 DeepinMind	 DeepinMind
Data type (mixed storage for multiple data types)		Human face data Human body data Vehicle data	Human face data Human body data Vehicle data
Storage capacity (storage capacity for single data type)		2.4 billion pieces of human face data 3 billion pieces of human body data 6 billion pieces of vehicle data	800 million pieces of human face data 1 billion pieces of human body data 2 billion pieces of vehicle data
Search by picture (storage capacity for single data type)		Accelerated searching for 100 million pieces of structured data	Accelerated searching for 30 million pieces of structured data
Application function	Human face	Attribute search, search by picture, area comparison, frequently appeared person analysis, destination analysis, companion analysis, statistics analysis, human arming, etc.	Attribute search, search by picture, area comparison, frequently appeared person analysis, destination analysis, companion analysis, statistics analysis, human arming, etc.
	Human body	Attribute search, statistics analysis, search by picture, etc.	Attribute search, statistics analysis, search by picture, etc.
	Vehicle	Vehicle search, trace search, facial masking in night, entering downtown for first time, frequent entrance & exit, area comparison, search by picture, vehicle with fake license plate analysis, model arming, etc.	Vehicle search, trace search, facial masking in night, entering downtown for first time, frequent entrance & exit, area comparison, search by picture, vehicle with fake license plate analysis, model arming, etc.
Mainboard	CPU	Intel © Xeon© 6230 CPU x 2	Intel © Xeon© 4114 CPU x 2
	Memory	512 GB DDR4	256 GB DDR4
	Hard disk drive	240 GB M.2 x 1 (system) + 240 GB M.2 x 1 + 6 TB PCIE SSD x 1 + 4 TB 7.2 K SATA x 6 (RAID_10)	240 GB M.2 x 2 + 480 GB SSD x 6 + 4 TB 7.2 K SATA x 2 (RAID_1)
Interface	Data interface	10 GbE x 2 + 1GbE x 2	GigE x 4 or above
Power	Power module	750 W (1 + 1)	750 W (1 + 1)

Model		DS-IX2001-A3U/X		
Image		 HOT		
Device performance	Face picture analysis	Analysis type	Supports analysis, comparison and classification of faces in pictures, real-time videos or recordings.	
		Picture analysis and comparison	120 pieces/second;Format: jpeg, bmp, tif, png	
		Video analysis and comparison	20 channels (1080 P)	
		List Library	3 million pictures in total (≤ 128 list libraries)	
		1 V 1 comparison	22 pairs/second	
	Video structured data analysis	Imported video analysis	Single video size ≤ 10 GB, and total video size ≤ 100 GB Max. 40 times accelerated analysis speed Format: ts, svac, mbf, ps, mp4, avi, asf	
		Analysis Type	Supports analysis and modelling for human bodies or vehicles in pictures, real-time videos or recordings.	
		Analysis of human body or vehicle pictures	30 pieces/second Format: jpeg, bmp, tif, png	
	Hardware	Data storage	Analysis of human body or vehicle videos	20 channels (1080 P)
			Imported video analysis	Single video size ≤ 10 GB, and total video size ≤ 100 GB; Max. 40 times accelerated analysis speed; Format: ts, svac, mbf, ps, mp4, avi, asf
*The above performance of facial analysis, vehicle analysis and video structuralization is mutually exclusive.				
Interface		Picture and structured data	30 million	
		List library	10 million (including 3 million alarm library)	
		Network interface	Gigabit Ethernet self-adaptive interface x 4	
		USB interface	USB 2.0 x 2 + USB 3.0 x 2	
General		VGA interface	2	
		Chassis specification	19 inch 2 U standard chassis	
		Power module	Hot-plugged efficient 1+1 redundant power module	
	Power consumption	750 W		
	Storage temperature	-40°C to 70°C (-40°F to 158 °F)		
	Working temperature	5°C to 35°C (41°F to 95 °F)		
	Working humidity	8% to 90% (without condensation)		
	Dimension (L x W x H)	715.5 mm x 482 mm x 86.8 mm (28.2 inch x 19.0 inch x 3.4 inch)		
Package size (L x W x H)	965 mm x 670 mm x 320 mm (38.0 inch x 29.4 inch x 12.6 inch)			

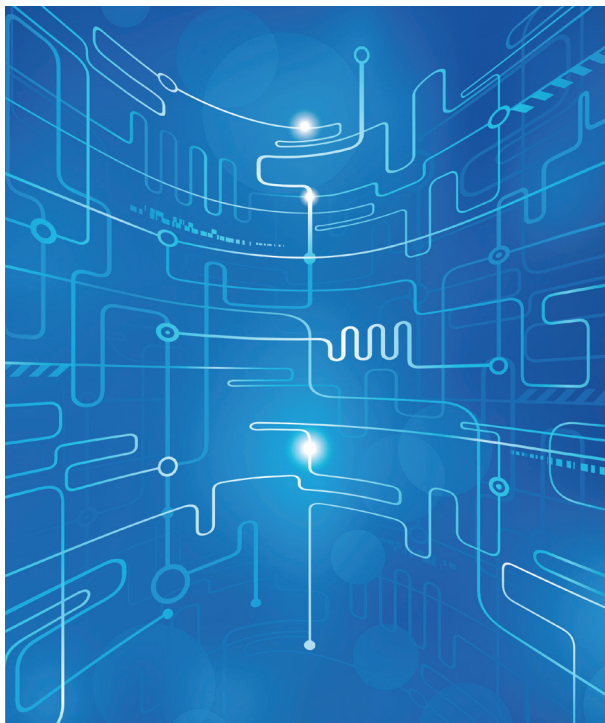
Model		DS-IX2002-A3U/X	DS-IX2003-A3U/X	DS-IX2001-A7U/LX	DS-IX2002-A7U/LX	
Image		 HOT	 HOT	 NEW	 NEW	
Device performance	Face picture analysis	Analysis type	Supports analysis, comparison and classification of faces in pictures, real-time videos or recordings.	Supports analysis, comparison and classification of faces in pictures, real-time videos or recordings.	Supports analysis, comparison and classification of faces in pictures, real-time videos or recordings.	Supports analysis, comparison and classification of faces in pictures, real-time videos or recordings.
		Picture analysis and comparison	240 pieces/second;Format: jpeg, bmp, tif, png	360 pieces/second;Format: jpeg, bmp, tif, png	128 pieces/second;Format: jpeg, bmp, tif, png, partial gif(static diagram)	256 pieces/second;Format: jpeg, bmp, tif, png, partial gif(static diagram)
		Video analysis and comparison	40 channels (1080 P)	60 channels (1080 P)	40 channels (1080 P)	80 channels (1080 P)
		List Library	3 million pictures in total (≤ 128 list libraries)	3 million pictures in total (≤ 128 list libraries)	3 million pictures in total (≤ 128 list libraries)	3 million pictures in total (≤ 128 list libraries)
		1 V 1 comparison	22 pairs/second	22 pairs/second	30 pairs/second	30 pairs/second
	Imported video analysis	Single video size ≤ 10 GB, and total video size ≤ 100 GB Max. 40 times accelerated analysis speed Format: ts, svac, mbf, ps, mp4, avi, asf	Single video size ≤ 10 GB, and total video size ≤ 100 GB Max. 40 times accelerated analysis speed Format: ts, svac, mbf, ps, mp4, avi, asf	Single video size ≤ 10 GB, and total video size ≤ 100 GB Max. 40 times accelerated analysis speed Format: TS, DaHua es, SVAC, MBF, PS, MP4, AVI, ASF, HIK es, Tian Di es	Single video size ≤ 10 GB, and total video size ≤ 100 GB Max. 40 times accelerated analysis speed Format: TS, DaHua es, SVAC, MBF, PS, MP4, AVI, ASF, HIK es, Tian Di es	
	Video structured data analysis	Analysis Type	Supports analysis and modelling for human bodies or vehicles in pictures, real-time videos or recordings.	Supports analysis and modelling for human bodies or vehicles in pictures, real-time videos or recordings.	Supports analysis, comparison and classification of faces in pictures, real-time videos or recordings.	Supports analysis, comparison and classification of faces in pictures, real-time videos or recordings.
		Analysis of human body or vehicle pictures	60 pieces/second Format: jpeg, bmp, tif, png	90 pieces/second Format: jpeg, bmp, tif, png	80 pieces/second Format: jpeg, bmp, tif, png, partial gif(static diagram)	160 pieces/second Format: jpeg, bmp, tif, png, partial gif(static diagram)
		Analysis of human body or vehicle videos	40 channels (1080 P)	60 channels (1080 P)	40 channels (1080 P)	80 channels (1080 P)
		Imported video analysis	Single video size ≤ 10 GB, and total video size ≤ 100 GB; Max. 40 times accelerated analysis speed; Format: ts, svac, mbf, ps, mp4, avi, asf	Single video size ≤ 10 GB, and total video size ≤ 100 GB; Max. 40 times accelerated analysis speed; Format: ts, svac, mbf, ps, mp4, avi, asf	Single video size ≤ 10 GB, and total video size ≤ 100 GB Max. 40 times accelerated analysis speed Format: TS, DaHua es, SVAC, MBF, PS, MP4, AVI, ASF, HIK es, Tian Di es	Single video size ≤ 10 GB, and total video size ≤ 100 GB Max. 40 times accelerated analysis speed Format: TS, DaHua es, SVAC, MBF, PS, MP4, AVI, ASF, HIK es, Tian Di es
*The above performance of facial analysis, vehicle analysis and video structuralization is mutually exclusive.						
Data storage	Picture and structured data	50 million	50 million	40 million	80 million	
	List library	10 million (including 3 million alarm library)	10 million (including 3 million alarm library)	3 million	3 million	
Interface	Network interface	Gigabit Ethernet self-adaptive interface × 4	Gigabit Ethernet self-adaptive interface × 4	Gigabit Ethernet self-adaptive interface × 4	Gigabit Ethernet self-adaptive interface × 4	
	USB interface	USB 2.0 × 2 + USB 3.0 × 2	USB 2.0 × 2 + USB 3.0 × 2	USB 2.0 × 2 + USB 3.0 × 2	USB 2.0 × 2 + USB 3.0 × 2	
	VGA interface	2	2	2	2	
Hardware	Chassis specification	Power module	Hot-plugged efficient 1+1 redundant power module	Hot-plugged efficient 1+1 redundant power module	Hot-plugged efficient 1+1 redundant power module	
		Power consumption	1600 W	1600 W	1100 W	1100 W
		Storage temperature	-40°C to 70°C (-40°F to 158 °F)	-40°C to 70°C (-40°F to 158 °F)	-40°C to 70°C (-40°F to 158 °F)	-40°C to 70°C (-40°F to 158 °F)
	General	Working temperature	5°C to 35°C (41°F to 95 °F)	5°C to 35°C (41°F to 95 °F)	5°C to 35°C (41°F to 95 °F)	5°C to 35°C (41°F to 95 °F)
		Working humidity	8% to 90% (without condensation)	8% to 90% (without condensation)	8% to 90% (without condensation)	8% to 90% (without condensation)
		Dimension (L × W × H)	715.5 mm × 482 mm × 86.8 mm (28.2 inch × 19.0 inch × 3.4 inch)	715.5 mm × 482 mm × 86.8 mm (28.2 inch × 19.0 inch × 3.4 inch)	715.5 mm × 482 mm × 86.8 mm (28.2 inch × 19.0 inch × 3.4 inch)	715.5 mm × 482 mm × 86.8 mm (28.2 inch × 19.0 inch × 3.4 inch)
		Package size (L × W × H)	965 mm × 670 mm × 320 mm (38.0 inch × 29.4 inch × 12.6 inch)	965 mm × 670 mm × 320 mm (38.0 inch × 29.4 inch × 12.6 inch)	965 mm × 670 mm × 320 mm (38.0 inch × 29.4 inch × 12.6 inch)	965 mm × 670 mm × 320 mm (38.0 inch × 29.4 inch × 12.6 inch)

Model		DS-IE1016-03U/BA	DS-IE1032-03U/BA	DS-IE1064-03U/BA
Image		 DeepinMind	 DeepinMind	 DeepinMind
Function	Perimeter protection detection	Line crossing, region entrance/exiting, area intrusion, loitering, unattended baggage	Line crossing, region entrance/exiting, area intrusion, loitering, unattended baggage	Line crossing, region entrance/exiting, area intrusion, loitering, unattended baggage
	Street abnormal behavior detection	Physical conflict, people gathering, and falling down	Physical conflict, people gathering, and falling down	Physical conflict, people gathering, and falling down
	Situation analysis	People density, real-time people counting, and people counting	People density, real-time people counting, and people counting	People density, real-time people counting, and people counting
	Indoor behavior detection	Absence, abnormal number of people, playing mobile phone	Absence, abnormal number of people, playing mobile phone	Absence, abnormal number of people, playing mobile phone
Access Performance	Access channel	16-channel standard H.264, H.265 code stream real-time analysis	32-channel standard H.264, H.265 code stream real-time analysis	64-channel standard H.264, H.265 code stream real-time analysis
	Resolution	720p-800W (recommended 1080p)	720p-800W (recommended 1080p)	720p-800W (recommended 1080p)
	Processor	1 Intel E3 series CPU	1 Intel E3 series CPU	1 Intel E3 series CPU
	Memory	8 G DDR3	8G DDR3	8G DDR3
	Hard disk	1 built-in 240 G SSD	1 built-in 240 G SSD	1 built-in 240 G SSD
	Network	4 Gigabit adaptive network ports	4 Gigabit adaptive network ports	4 Gigabit adaptive network ports
	USB 3.0	4	4	4
Interface	USB 2.0	2	2	2
	VGA	1	1	1
	Hard Disk Interface	1 SATA interface, 1 mini-SATA interface	1 SATA interface, 1 mini-SATA interface	1 SATA interface, 1 mini-SATA interface
	Chassis	19-inch 1U standard chassis	19-inch 1U standard chassis	19-inch 1U standard chassis
Others	Power supply	Hot-swappable high-efficiency 1+1 redundant power supply	Hot-swappable high-efficiency 1+1 redundant power supply	Hot-swappable high-efficiency 1+1 redundant power supply
	Consumption (rated)	800 W	800 W	800 W
	Consumption	400 W	400 W	400 W
	Working temperature	5°C to +35°C	5°C to +35°C	5°C to +35°C
	Storage temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
	Working humidity	10% to 90%, no condensation	10% to 90%, no condensation	10% to 90%, no condensation
	Dimensions (W × D × H)	439 × 591 × 44 mm	439 × 591 × 44 mm	439 × 591 × 44 mm

General Purpose Server

Nearly Endless Applications

With high-performance hardware, General Purpose Servers have been expertly designed for various types of applications, such as in financial institutions, stock markets, transportation centers, postal and telecommunications centers, energy production, and other remote environments. These capable servers meet and exceed the strict requirements on performance, data scalability, and reliability.



Model	DS-VD22D-BHW2	DS-VD22D-BHW5	DS-VD22D-BHW6
Image			
Processor	one Intel® Xeon® SP (4110*1)	two Intel® Xeon® SP (4114*2)	two Intel® Xeon® SP (4110*2)
Memory	32G DDR4 DIMM	64G DDR4 DIMM	32G DDR4 DIMM
storage controllers	PERC H330	PERC H330	PERC H330
Drive Bays	1TB 7.2K SATA×2(RAID_1)	600G SAS 15K×4(RAID_10)	1TB 7.2K SATA×2(RAID_1)
Power supplies	495W(1+1)	495W(1+1)	495W(1+1)
Sizing	Form factor: Rack (2U) Chassis depth: 715.5 mm 715.5 × 482 × 86.8 mm (28.2 × 19.0 × 3.4 inch)	Form factor: Rack (2U) Chassis depth: 715.5 mm 715.5 × 482 × 86.8 mm (28.2 × 19.0 × 3.4 inch)	Form factor: Rack (2U) Chassis depth: 715.5 mm 715.5 × 482 × 86.8 mm (28.2 × 19.0 × 3.4 inch)
Sizing with Package	960 × 610 × 295 mm (37.8 × 24.0 × 11.6 inch)	960 × 610 × 295 mm (37.8 × 24.0 × 11.6 inch)	960 × 610 × 295 mm (37.8 × 24.0 × 11.6 inch)
Embedded management	iDRAC9, Enterprise	iDRAC9, Enterprise	iDRAC9, Enterprise
Bezel	security bezel	security bezel	security bezel
OpenManage™ Software	OpenManage Enterprise OpenManage Mobile OpenManage Essentials OpenManage Power Center	OpenManage Enterprise OpenManage Mobile OpenManage Essentials OpenManage Power Center	OpenManage Enterprise OpenManage Mobile OpenManage Essentials OpenManage Power Center
Integrations and connections	Integrations: Microsoft® System Center, VMware® vCenter™, BMC Software Connections: Nagios & Nagios XI, Oracle Enterprise Manager, HP Operations Manager, IBM Tivoli Netcool/OMNIBus, IBM Tivoli® Network Manager, CA Network and Systems Management	Integrations: Microsoft® System Center, VMware® vCenter™, BMC Software Connections: Nagios & Nagios XI, Oracle Enterprise Manager, HP Operations Manager, IBM Tivoli Netcool/OMNIBus, IBM Tivoli® Network Manager, CA Network and Systems Management	Integrations: Microsoft® System Center, VMware® vCenter™, BMC Software Connections: Nagios & Nagios XI, Oracle Enterprise Manager, HP Operations Manager, IBM Tivoli Netcool/OMNIBus, IBM Tivoli® Network Manager, CA Network and Systems Management
Net weight	26.5 kg	26.5 kg	26.5 kg
Weight with Package	35.1 kg	35.1 kg	35.1 kg
Security	TPM 1.2/2.0 optional Cryptographically signed firmware Secure Boot System Lockdown Secure erase	TPM 1.2/2.0 optional Cryptographically signed firmware Secure Boot System Lockdown Secure erase	TPM 1.2/2.0 optional Cryptographically signed firmware Secure Boot System Lockdown Secure erase
I/O & Ports	This model is configured 4 x 1GE Front ports: Video, 2 x USB 2.0, available USB 3.0, dedicated iDRAC Direct Micro-USB Rear ports: Video, serial, 2 x USB 3.0, dedicated iDRAC network port Video card: VGA	This model is configured 4 x 1GE Front ports: Video, 2 x USB 2.0, available USB 3.0, dedicated iDRAC Direct Micro-USB Rear ports: Video, serial, 2 x USB 3.0, dedicated iDRAC network port Video card: VGA	This model is configured 4 x 1GE Front ports: Video, 2 x USB 2.0, available USB 3.0, dedicated iDRAC Direct Micro-USB Rear ports: Video, serial, 2 x USB 3.0, dedicated iDRAC network port Video card: VGA
Supported operating systems	This model is installed with Win SVR 2016 global standard system	This model is not configured by default.	This model is not configured by default.
Storage temperature	-40°C to +70°C (-40°F to 158 °F)	-40°C to +70°C (-40°F to 158 °F)	-40°C to +70°C (-40°F to 158 °F)
Working temperature	+5°C to +35°C (41°F to 95 °F)	+5°C to +35°C (41°F to 95 °F)	+5°C to +35°C (41°F to 95 °F)
Working humidity	8 % to 90 % (without condensation)	8 % to 90 % (without condensation)	8 % to 90 % (without condensation)

Network Camera PTZ Dome Camera Panoramic Camera Explosion-Proof & Anti-Corrosion Series NVR Network Storage Data Center Thermal Commercial Display Decoder Video Wall Software Accessories DORI Distance

Model	DS-VD22D-BHW7	DS-VD22D-BHW15	DS-VD22D-BHW40	DS-VE11D-CHW01
Image				
Processor	two Intel® Xeon® SP (4114*2)	two Intel® Xeon® SP (4110*2)	two Intel® Xeon® SP (4210R*2)	E2124*1
Memory	64G DDR4 DIMM	64G DDR4 DIMM	16G*6 DDR4 DIMM	16G DDR4 DIMM
storage controllers	PERC H330	PERC H330	PERC H330	H330 x 1
Drive Bays	S4510 960G*3+S4610 240G*1	1TB 7.2K SATA*2(RAID_1)	1T 7.2K SATA*2(RAID_1) + 1T 7.2K SATA*2(RAID_1)	1T 7.2K SATA*2
Power supplies	495W(1+1)	495W(1+1)	495W(1+1)	Single 250W (Bronze) power supply
Sizing	Form factor: Rack (2U) Chassis depth: 715.5 mm 715.5 × 482 × 86.8 mm (28.2 × 19.0 × 3.4 inch)	Form factor: Rack (2U) Chassis depth: 715.5 mm 715.5 × 482 × 86.8 mm (28.2 × 19.0 × 3.4 inch)	Form factor: Rack (2U) Chassis depth: 715.5 mm 715.5 × 482 × 86.8 mm (28.2 × 19.0 × 3.4 inch)	Form factor: Rack (1U) Chassis width: 434.00mm (17.08 in) Chassis depth: 595.63mm (23.45 in) (3.5" HHD config) Note: These dimensions do not include: bezel, redundant PSU
Sizing with Package	960 × 610 × 295 mm (37.8 × 24.0 × 11.6 inch)	960 × 610 × 295 mm (37.8 × 24.0 × 11.6 inch)	960 × 610 × 295 mm (37.8 × 24.0 × 11.6 inch)	750 mm × 614 mm × 259 mm (29.53" × 24.17" × 10.2")
Embedded management	IPMI 2.0 compliant iDRAC9 with Lifecycle Controller (Express, Enterprise) Quick Sync 2 wireless module optional	iDRAC9, Enterprise	iDRAC9, Enterprise	iDRAC9 with Lifecycle Controller (Enterprise)
Bezel	security bezel	security bezel	security bezel	–
OpenManage™ Software	OpenManage Enterprise OpenManage Mobile OpenManage Essentials OpenManage Power Center	OpenManage Enterprise OpenManage Mobile OpenManage Essentials OpenManage Power Center	OpenManage Enterprise OpenManage Mobile OpenManage Essentials OpenManage Power Center	–
Integrations and connections	Integrations: Microsoft® System Center, VMware® vCenter™, BMC Software Connections: Nagios & Nagios XI, Oracle Enterprise Manager, HP Operations Manager, IBM Tivoli Netcool/OMNibus, IBM Tivoli® Network Manager, CA Network and Systems Management	Integrations: Microsoft® System Center, VMware® vCenter™, BMC Software Connections: Nagios & Nagios XI, Oracle Enterprise Manager, HP Operations Manager, IBM Tivoli Netcool/OMNibus, IBM Tivoli® Network Manager, CA Network and Systems Management	Integrations: Microsoft® System Center, VMware® vCenter™, BMC Software Connections: Nagios & Nagios XI, Oracle Enterprise Manager, HP Operations Manager, IBM Tivoli Netcool/OMNibus, IBM Tivoli® Network Manager, CA Network and Systems Management	Integrations: Microsoft® System Center VMware® vCenter™ BMC Truesight (available from BMC) Red Hat Ansible Connections: Nagios Core & Nagios XI Micro Focus Operations Manager i (OMi) IBM Tivoli Netcool/OMNibus
Net weight	26.5 kg	26.5 kg	26.5 kg	12.2kg
Weight with Package	35.1 kg	35.1 kg	35.1 kg	18.5kg
Security	TPM 1.2/2.0 optional Cryptographically signed firmware Secure Boot System Lockdown Secure erase	TPM 1.2/2.0 optional Cryptographically signed firmware Secure Boot System Lockdown Secure erase	TPM 1.2/2.0 optional Cryptographically signed firmware Secure Boot System Lockdown Secure erase	–
I/O & Ports	This model is configured 4 x 1GE Front ports: Video, 2 x USB 2.0, available USB 3.0, dedicated iDRAC Direct Micro-USB Rear ports: Video, serial, 2 x USB 3.0, dedicated iDRAC network port Video card: VGA	This model is configured 4 x 1GE Front ports: Video, 2 x USB 2.0 Rear ports: Video, serial, 2 x USB 3.0 Video card: VGA*1	This model is configured 4 x 1GE Front ports: Video, 2 x USB 2.0 Rear ports: Video, serial, 2 x USB 3.0 Video card: VGA*1	2 x 1GbE LOM Network Interface Controller (NIC) ports Front ports: 1x USB 2.0 Rear ports: 2 x USB 3.0, VGA, serial connector
Supported operating systems	This model is not configured by default.	This model is not configured by default	This model is not configured by default	This model is installed with Windows Server 2016 multilingual operating system.
Storage temperature	-40°C to +70°C (-40°F to 158 °F)	-40°C to +70°C (-40°F to 158 °F)	-40°C to +70°C (-40°F to 158 °F)	-40°C to +70°C (-40°F to 158 °F)
Working temperature	+5°C to +35°C (41°F to 95 °F)	+5°C to +35°C (41°F to 95 °F)	+5°C to +35°C (41°F to 95 °F)	+5°C to +35°C (41°F to 95 °F)
Working humidity	8 % to 90 % (without condensation)	8 % to 90 % (without condensation)	8 % to 90 % (without condensation)	8 % to 90 % (without condensation)

Thermal

- 091** HeatPro Series
- 094** Security Group Cameras
- 070** Thermographic Group Products
- 073** Temperature Screening Products



HeatPro Series

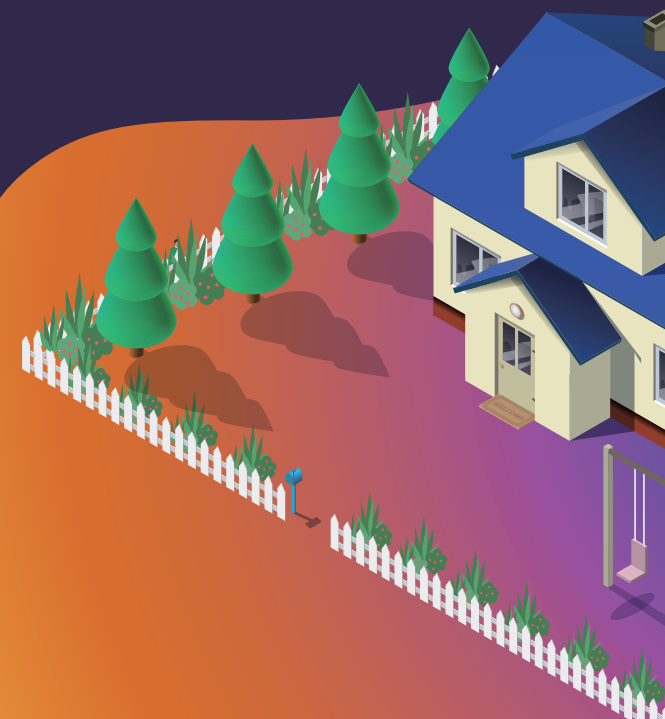
Professional Protection Made Simple

Hikvision HeatPro Series Cameras feature deep-learning thermal video analytics for all-weather perimeter protection, object temperature measurement, and fire detection with real-time alarms. They are easy to configure, making the cameras ideal for SMB applications in residential, construction sites, retail, parking, museums, data centers, and other verticals.





- > All-weather deterrence and alerts
- > Simple, three-step deployment for perimeter protection
- > Thermal video analytics with deep-learning human & vehicle classification, reducing maintenance overhead
- > Temperature exception alarms for fire prevention
- > Visual and auditory alarms

HeatPro



Hikvision HeatPro Series Thermal Cameras Professional Protection Made Simple





Thermal - Dual Lens

Model	DS-2TD1217-2PA/3PA/6PA	DS-2TD1217-2/3/6 QA	DS-2TD1228-2/3/7 QA	DS-2TD2617-3PA/6PA/10PA
Image	 <p style="text-align: right; color: orange; font-weight: bold;">HOT</p> <p style="text-align: center; border: 1px solid red; border-radius: 10px; padding: 2px;">Audible Alarm and Strobe Light</p>	 <p style="text-align: center; border: 1px solid red; border-radius: 10px; padding: 2px;">Audible Alarm and Strobe Light</p>	 <p style="text-align: right; color: orange; font-weight: bold;">HOT</p> <p style="text-align: center; border: 1px solid red; border-radius: 10px; padding: 2px;">Audible Alarm and Strobe Light</p>	 <p style="text-align: center; border: 1px solid red; border-radius: 10px; padding: 2px;">Audible Alarm and Strobe Light</p>
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 40 mK (@25 °C, F# = 1.1)	< 40 mK (@25 °C, F# = 1.2)	< 40 mK (@25 °C, F# = 1.3)	< 40 mK (@25 °C, F# = 1.1)
Pixel Pitch (Thermal)	17 μm	17 μm	12 μm	17 μm
Resolution (Thermal)	160 × 120 (the resolution of output image is 320 × 240)	160 × 120 (the resolution of output image is 320 × 240)	256 × 192	160 × 120 (the resolution of output image is 320 × 240)
Sensor (Optical)	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520	2688 × 1520	2688 × 1520	2688 × 1520
Min. Illumination (Optical)	-2PA: Color: 0.0176 Lux @ (F2.25, AGC ON), B/W: 0.0035 Lux @ (F2.25, AGC ON) -3PA/6PA: Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON)	Color: 0.0176 Lux @ (F2.25, AGC ON), B/W: 0.0035 Lux @ (F2.25, AGC ON)	Color: 0.0176 Lux @ (F2.25, AGC ON), B/W: 0.0035 Lux @ (F2.25, AGC ON)	Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON)
Lens	Thermal: 2, 3 or 6 mm Optical: 2, 4 or 6 mm	Thermal: 2, 3 or 6 mm Optical: 2, 4 or 6 mm	Thermal: 2, 3 or 7 mm Optical: 2, 4 or 6 mm	Thermal: 3, 6 or 10 mm Optical: 4, 6 or 8 mm
Field of View (Thermal)	2 mm: 90° × 66.4° 3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7°	2 mm: 90° × 66.4° 3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7°	2 mm: 90.0° × 65.4° 3 mm: 50.0° × 37.3° 7 mm: 24.9° × 18.7°	3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7° 10 mm: 15.96° × 12°
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25 fps	25 fps	25 fps	25 fps
Ingress Protection	IP66	IP66	IP66	IP67
Pan/Tilt	-	-	-	-
Audio Input	1-ch 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V (p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V (p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V (p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V (p-p), output impedance: 1 KΩ ± 10%
Audio Output	Linear level; impedance: 600 Ω	Linear level; impedance: 600 Ω	Linear level; impedance: 600 Ω	Linear level, impedance: 600 Ω
Alarm Input	1-ch inputs (0-5 VDC)	1-ch inputs (0-5 VDC)	1-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)
Alarm Output	1-ch relay outputs, alarm response actions configurable	1-ch relay outputs, alarm response actions configurable	1-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Temperature Measuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

Thermography

Model	DS-2TD2617-3/6/10 QA	DS-2TD2628-3/7/10 QA
Image	 Audible Alarm and Strobe Light	 Audible Alarm and Strobe Light
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 40 mK (@25 °C, F# = 1.2)	< 40 mK (@25 °C, F# = 1.3)
Pixel Pitch (Thermal)	17 μm	12 μm
Resolution (Thermal)	160 × 120 (the resolution of output image is 320 × 240)	256 × 192
Sensor (Optical)	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520	2688 × 1520
Min. Illumination (Optical)	Color: 0.0176 Lux @ (F2.25, AGC ON), B/W: 0.0035 Lux @ (F2.25, AGC ON)	Color: 0.0176 Lux @ (F2.25, AGC ON), B/W: 0.0035 Lux @ (F2.25, AGC ON)
Lens	Thermal: 3, 6 or 10 mm Optical: 4, 6 or 8 mm	Thermal: 3, 7 or 10 mm Optical: 4, 6 or 8 mm
Field of View (Thermal)	3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7° 10 mm: 15.96° × 12°	3 mm: 50.0° × 37.3° 7 mm: 24.9° × 18.7° 10 mm: 18.0° × 13.5°
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25 fps	25 fps
Ingress Protection	IP67	IP67
Pan/Tilt	-	-
Audio Input	1-ch 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V (p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V (p-p), output impedance: 1 KΩ ± 10%
Audio Output	Linear level; impedance: 600 Ω	Linear level; impedance: 600 Ω
Alarm Input	2-ch inputs [0-5 VDC]	2-ch inputs [0-5 VDC]
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Temperature Mesuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

Model	DS-2TD1217T/PA	DS-2TD2617T-3/6 PA
Image	 Audible Alarm and Strobe Light	 Audible Alarm and Strobe Light
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 40 mK (@25 °C, F# = 1.1)	< 40 mK (@25 °C, F# = 1.1)
Pixel Pitch (Thermal)	17 μm	17 μm
Resolution (Thermal)	160 × 120 (the resolution of output image is 320 × 240)	160 × 120 (the resolution of output image is 320 × 240)
Sensor (Optical)	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520	2688 × 1520
Min. Illumination (Optical)	-2PA: Color: 0.0176 Lux @ (F2.25, AGC ON), B/W: 0.0035 Lux @ (F2.25, AGC ON) -3PA Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON)	Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON)
Lens	Thermal: 2 or 3 mm Optical: 2 or 4 mm	Thermal: 3 or 6 mm Optical: 4 or 6 mm
Field of View (Thermal)	2 mm: 90° × 66.4° 3 mm: 50° × 37.2°	3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7°
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25 fps	25 fps
Ingress Protection	IP66	IP67
Pan/Tilt	-	-
Audio Input	1-ch 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V (p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V (p-p), output impedance: 1 KΩ ± 10%
Audio Output	Linear level; impedance: 600 Ω	Linear level, impedance: 600 Ω
Alarm Input	1-ch inputs [0-5 VDC]	2-ch inputs [0-5 VDC]
Alarm Output	1-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.
Temperature Mesuring Range	-20 °C to +550 °C (-4 °F to +1022 °F)	-20 °C to +550 °C (-4 °F to +1022 °F)
Temperature Accuracy	Max. (± 2 °C, ± 2%)	Max. (± 2 °C, ± 2%)

Security Group Cameras






See the World in a New Way

Hikvision's Thermal Security Cameras feature deep-learning thermal video analytics for all-weather perimeter protection, object temperature measurement, and fire detection with real-time alarms. They feature expert design for high value infrastructure applications in power stations, substations, airports, warehouses, and other verticals.



- > All-weather deterrence and alerts
- > Thermal video analytics with deep-learning human & vehicle classification, reducing maintenance overhead
- > Temperature exception alarms for fire prevention
- > Multiple model options covering short and long range demands






Thermal - Single Lens






Model	DS-2TD2137-4P/7P/10P/15P/25P/35P	DS-2TD2138-70Y/100Y/150Y/250Y	DS-2TD2137-4PY/7PY/10PY/15PY/25PY/35PY	DS-2TD2167-7P/15P/25P/35P	DS-2TD2167-7PY/15PY/25PY/35PY
Image		 -NEW	 -HOT		 -HOT
		Anti-corrosion	Anti-corrosion		Anti-corrosion
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 35 mk (@25°C, F#=1.0)	< 35 mk (@25°C, F#=1.0)	< 35 mk (@25°C, F#=1.0)	< 35 mk (@25°C, F#=1.0)	< 35 mk (@25°C, F#=1.0)
Pixel Pitch (Thermal)	17 μm	12 μm	17 μm	17 μm	17 μm
Resolution (Thermal)	384 × 288	384 × 288	384 × 288	640 × 512	640 × 512
Sensor (Optical)	-	-	-	-	-
Max. Resolution (Optical)	-	-	-	-	-
Min. Illumination (Optical)	-	-	-	-	-
Lens	4, 7, 10, 15, 25 or 35 mm	7, 10, 15, or 25 mm	4, 7, 10, 15, 25 or 35 mm	7, 15, 25 or 35 mm	7, 15, 25 or 35 mm
Field of View (Thermal)	4mm: 90° × 65.3° 7 mm: 60° × 44.1° 10 mm: 37.5° × 28.5° 15 mm: 24.5° × 18.5° 25 mm: 14.9° × 11.2° 35 mm: 10.7° × 8°	7 mm: 42.0° × 32.0° 10 mm: 26.0° × 20.0° 15 mm: 17.0° × 13.0° 25 mm: 11.0° × 8.0°	4 mm: 90° × 65.3° 7 mm: 60° × 44.1° 10 mm: 37.5° × 28.5° 15 mm: 24.5° × 18.5° 25 mm: 14.9° × 11.2° 35 mm: 10.7° × 8°	7 mm: 88.5° × 73.2° 15 mm: 42.5° × 33.6° 25 mm: 24.55° × 19.75° 35 mm: 17.67° × 14.18°	7 mm: 88.5° × 73.2° 15 mm: 42.5° × 33.6° 25 mm: 24.55° × 19.75° 35 mm: 17.67° × 14.18°
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25 fps	25 fps	25 fps	25 fps	25 fps
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Pan/Tilt	-	-	-	-	-
Audio Input	1 3.5mm Mic in/Line in interface. Line input: 2-2.4 V(p-p), output impedance:1 KΩ ± 10%	1 3.5mm Mic in/Line in interface. Line input: 2-2.4 V(p-p), output impedance:1 KΩ ± 10%	1 3.5mm Mic in/Line in interface. Line input: 2-2.4 V(p-p), output impedance:1 KΩ ± 10%	1 3.5mm Mic in/Line in interface. Line input: 2-2.4 V(p-p), output impedance:1 KΩ ± 10%	1 3.5mm Mic in/Line in interface. Line input: 2-2.4 V(p-p), output impedance:1 KΩ ± 10%
Audio Output	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω
Alarm Input	2-ch Input (0-5 VDC)	2-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	24 VAC ± 25%, 12 VDC ± 25%; PoE (802.3af, class 3)	24 VAC ± 25%, 12 VDC ± 25%; PoE (802.3af, class 3)	24 VAC ± 25%, 12 VDC ± 25%; PoE (802.3af, class 3)	12 VDC ± 20% PoE (802.3af) 24 VAC ± 25%	12 VDC ± 20% PoE (802.3af) 24 VAC ± 25%
Environmental Requirement	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 90% or less	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 90% or less	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 90% or less	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 90% or less	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 90% or less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.
Temperature Mesuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)






Thermal - Dual Lens






Model	DS-2TD2367-50P/75P/100P	DS-2TD2367-PY
Image	 <NEW	 <HOT Anti-corrosion
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 35 mk (@25°C, F#=1.0)	< 35 mk (@25°C, F#=1.0)
Pixel Pitch (Thermal)	17 μm	17 μm
Resolution (Thermal)	640 × 512	640 × 512
Sensor (Optical)	-	-
Max. Resolution (Optical)	-	-
Min. Illumination (Optical)	-	-
Lens	50, 75 or 100 mm	50, 75 or 100 mm
Field of View (Thermal)	50 mm: 12.4° × 10° 75 mm: 8.3° × 6.6° 100 mm: 6.22 × 4.96	50 mm: 12.4° × 10° 75 mm: 8.3° × 6.6° 100 mm: 6.22 × 4.96
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25 fps	25 fps
Ingress Protection	IP67	IP67
Pan/Tilt	-	-
Audio Input	1 3.5mm Mic in/Line in interface. Line input: 2-2.4 V(p-p), output impedance:1 KΩ ± 10%	1 3.5mm Mic in/Line in interface. Line input: 2-2.4 V(p-p), output impedance:1 KΩ ± 10%
Audio Output	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω
Alarm Input	2-ch inputs [0-5 VDC]	2-ch inputs [0-5 VDC]
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	12 VDC ± 20% PoE (802.3af) 24 VAC ± 25%	*24 VAC ± 25%, 12 VDC ± 25%; PoE (802.3af, class 3)*
Environmental Requirement	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 90% or less	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 90% or less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.
Temperature Measuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

Model	DS-2TD2637-10P/15P/25P/35P	DS-2TD2637-10PY/15PY/25PY/35PY	DS-2TD2667-15P/25P/35P
Image	 <HOT	 Anti-corrosion	 <NEW
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	≤ 35 mk (@25 °C, F# = 1.0)	< 35 mk (@25 °C, F# = 1.0)	< 35 mk (@25 °C, F# = 1.0)
Pixel Pitch (Thermal)	17 μm	17 μm	17 μm
Resolution (Thermal)	384 × 288	384 × 288	640 × 512
Sensor (Optical)	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520	2688 × 1520	2688 × 1520
Min. Illumination (Optical)	Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)	Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)	Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)
Lens	Thermal: 10 mm, 15 mm, 25 mm or 35 mm Optical: 4mm, 6mm, 12mm or 15mm	Thermal: 10 mm, 15 mm, 25 mm or 35 mm Optical: 4mm, 6mm, 12mm or 15mm	Thermal: 15 mm, 25 mm or 35 mm Optical: 4mm, 6mm, 8mm
Field of View (Thermal)	10mm: 37.5° × 28.5° 15mm: 24.5° × 18.5° 25mm: 14.9° × 11.2° 35mm: 10.7° × 8.0°	10mm: 37.5° × 28.5° 15mm: 24.5° × 18.5° 25mm: 14.9° × 11.2° 35mm: 10.7° × 8.0°	15mm: 42.5° × 33.6° 25mm: 24.55° × 19.75° 35mm: 17.67° × 14.18° "
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25fps	25fps	25fps
Ingress Protection	IP67	IP67	IP67
Pan/Tilt	-	-	-
Audio Input	1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V (p-p), output impedance: 1 KΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V (p-p), output impedance: 1 KΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V (p-p), output impedance: 1 KΩ ± 10%
Audio Output	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω
Alarm Input	2-ch inputs [0-5 VDC]	2-ch inputs [0-5 VDC]	2-ch inputs [0-5 VDC]
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	24 VAC ± 25%, 12 VDC ± 25%, two-core terminal block PoE (802.3af, class 3)	24 VAC ± 25%, 12 VDC ± 25%; PoE (802.3af, class 3)	24 VAC ± 25%, 12 VDC ± 25%; PoE (802.3af, class 3)
Environmental Requirement	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 95% or less	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 95% or less	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 95% or less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.
Temperature Measuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

Network Camera
PTZ Dome Camera
Panoramic Camera
Explosion-Proof & Anti-Corrosion Series
NVR
Network Storage Center
Thermal
Commercial Display
Video Wall Controller
Software
Accessories
DORI Distance

Model	DS-2TD2667-15PY/25PY/35PY	DS-2TX3742-10A/15A/25A/35A/P	DS-2TX3742-10P/15P/25P/35P/P	DS-2TD4137-25W/50W	DS-2TD4228-10/W
Image	 Anti-corrosion				 HOT
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 35 mk (@25 °C, F# = 1.0)	< 35 mk (@25 °C, F# = 1.0)	< 35 mk (@25 °C, F# = 1.0)	< 40 mk (@25°C, F# = 1.0)	< 35 mk (@25°C, F# = 1.0)
Pixel Pitch (Thermal)	17 μm	17 μm	17 μm	17 μm	12 μm
Resolution (Thermal)	640 x 512	384 x 288	384 x 288	384 x 288	256 x 192
Sensor (Optical)	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	Thermal: 10mm Optical: 4.8-153mm, 32x
Max. Resolution (Optical)	2688 x 1520	2688 x 1520	2688 x 1520	2688 x 1520	1/2.8" Progressive Scan CMOS
Min. Illumination (Optical)	Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)	Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)	Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)	2688 x 1520, 4 MP
Lens	Thermal: 15 mm, 25 mm or 35 mm Optical: 4mm, 6mm, 8mm	Thermal: 10,15,25 or 35 mm Optical: 6.0-252 mm	Thermal:10,15,25 or 35 mm Optical: 6.0-252 mm	*Thermal: 25 or 50 mm Optical: 6-240 mm "	Color: 0.05 lux @ (F1.2, AGC On) B/W: 0.01 lux @ (F1.2, AGC On)
Field of View (Thermal)	15mm: 42.5° × 33.6° 25mm: 24.55° × 19.75° 35mm: 17.67° × 14.18°	10mm: 37.5° × 28.5° 15mm: 24.5° × 18.5° 25mm: 14.9° × 11.2° 35mm: 10.7° × 8°	10mm: 37.5° × 28.5° 15mm: 24.5° × 18.5° 25mm: 14.9° × 11.2° 35mm: 10.7° × 8°	25 mm: 14.9° × 11.2° 50 mm: 7.5° × 5.6°	10mm: 18° × 13.5°
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265+/H.265/H.264+/ H.264/MJPEG
Frame Rate	25fps	25fps	25fps	Thermal: 50fps Optical: 25fps	50fps
Ingress Protection	IP67	IP66	IP66	IP66	IP66
Pan/Tilt	-	Pan: 360°, Tilt: -20° to 90°	Pan: 360°, Tilt: -20° to 90°	Pan: 360° Continuous Rotate; Tilt: From -20° to + 90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -5° to + 90° (auto flip)
Audio Input	1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V (p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%
Audio Output	Linear level, impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω
Alarm Input	2-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch input (0-5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	24 VAC ± 25%, 12 VDC ± 25%; PoE (802.3af, class 3)	24 VAC ± 25%	24 VAC ± 25%	24 VAC ± 25%	24 VAC ± 20%: 0.88 A, max. 30 W 48 VDC ± 20%: 0.625 A, max. 30 W
Environmental Requirement	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less	From -40°C to 65°C (-40°F to 149°F); Humidity: 95% or Less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.
Temperature Mesuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20° C to 150° C (-4 °F to +302°F)	-20° C to 150° C (-4 °F to +302°F)	-20° C to 150° C (-4 °F to +302°F)	-20°C to 150°C (-4°F to 302°F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8°C (±14.4°F)

Model	DS-2TD4137-25WY/50WY	DS-2TD4167-25W/50W	DS-2TD4167-25WY/50WY	DS-2TD4237-10V2/25V2	DS-2TD6237-25W/50W
Image					
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 40 mk (@25°C, F#=1.0)	< 40 mk (@25°C, F#=1.0)	< 40 mk (@25°C, F#=1.0)	< 40 mk (@25°C, F#=1.0)	NETD ≤ 35 mK (25 °C, F# = 1.0)
Pixel Pitch (Thermal)	17 μm	17 μm	17 μm	17 μm	17 μm
Resolution (Thermal)	384 × 288	640 × 512	640 × 512	384 × 288	384 × 288
Sensor (Optical)	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	Thermal: 25 or 50mm Optical: 6 to 240 mm
Max. Resolution (Optical)	2688 × 1520	2688 × 1520	2688 × 1520	1920 × 1080	1/1.8" Progressive Scan CMOS
Min. Illumination (Optical)	Color: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)	Color: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)	Color: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)	Color: 0.05 lux @ (F1.2, AGC On) B/W : 0.01 lux @ (F1.2, AGC On)	2688 × 1520
Lens	Thermal: 25 or 50 mm Optical: 6-240 mm	Thermal: 25 or 50 mm Optical: 6-240 mm	Thermal: 25 or 50 mm Optical: 6-240 mm	Thermal: 10 or 25 mm Optical: 4.8-153 mm	Color: 0.0005 Lux @ (F1.5, AGC ON), B/W: 0.0001 Lux @ (F1.5, AGC ON)
Field of View (Thermal)	25 mm: 14.9° × 11.2° 50 mm: 7.5° × 5.6°	25 mm: 24.5° × 19.7° 50 mm: 7.5° × 5.6°	25 mm: 24.5° × 19.7° 50 mm: 7.5° × 5.6°	10 mm: 37.7° × 28.7° 25 mm: 14.88° × 11.19°	25mm:14.88° × 11.19° 50mm: 7.47° × 5.61°
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264	H.265+/H.265/H.264+ / H.264
Frame Rate	Thermal: 50fps Optical: 25fps*	Thermal: 50fps Optical: 25fps	Thermal: 50fps Optical: 25fps	25 fps	50 fps
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Pan/Tilt	Pan: 360° Continuous Rotate; Tilt: From -20° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -20° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -20° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -5° to +90°(auto flip)	Pan: 360° Continuous Rotate; Tilt: From -90° to +40° (auto flip)
Audio Input	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ ± 10%
Audio Output	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear level, impedance: 600 Ω
Alarm Input	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	7-ch inputs (0 to5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	24 VAC ± 25%	24 VAC ± 25%	24 VAC ± 25%	24 VAC ± 25%	24 VAC ± 20%, 36 VDC ± 20% 48 VDC ± 15%, 5 A, max. 120 W
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.
Temperature Mesuring Range	-20° C to 150° C [-4 °F to +302°F]	-20° C to 150° C [-4 °F to +302°F]	-20° C to 150° C [-4 °F to +302°F]	-20° C to +150 °C [-4 °F to +302 °F]	-20°C to 150°C [-4°F to 302°F]
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8°C (±14.4°F)

Model	DS-2TD6267-50H4LW/75C4LW/100C4LW	DS-2TD6267-75C4LWY/100C4LWY	DS-2TD8167-150ZC4FW/150ZE2FW/190ZE2FW/230ZG2FW/	DS-2TD8167-190ZE2FLW/230ZG2FLW	DS-2TD8167-190ZE2FWY/230ZG2FWY
Image					
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 35 mk (@25°C, F#=1.0)	< 35 mk (@25°C, F#=1.0)	< 35 mk (@25°C, F#=1.0)	< 35 mk (@25°C, F#=1.0)	< 35 mk (@25°C, F#=1.0)
Pixel Pitch (Thermal)	17 μm	17 μm	17 μm	17 μm	17 μm
Resolution (Thermal)	640 × 512	640 × 512	640 × 512	640 × 512	640 × 512
Sensor (Optical)	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520	2688 × 1520	-C: 2688 × 1520 -E: 1920 × 1080	1920 × 1080	1920 × 1080
Min. Illumination (Optical)	Color: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)	Color: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)	-C: Color: 0.0005 lux @ (F1.5, AGC ON) -C: B/W: 0.0001 lux @ (F1.5, AGC ON) -E: Color: 0.005 lux @ (F3.5, AGC ON) -E: B/W: 0.0005 lux @ (F3.5, AGC ON)	Color: 0.005 lux @ (F3.5, AGC ON) B/W: 0.0005 lux @ (F3.5, AGC ON)	Color: 0.005 lux @ (F3.5, AGC ON) B/W: 0.0005 lux @ (F3.5, AGC ON)
Lens	Thermal: 50, 75 or 100 mm Optical: H (6-240 mm) / C (6-336 mm)	Thermal: 75 or 100 mm Optical: H (6-240 mm) / C (6-336 mm)	Thermal: 150 / 190 / 230 mm Optical: -C: 6.7-330 mm -E: 12.5-775 mm -G: 16.7-1000 mm	Thermal: 190 or 230 mm Optical: 12.5-775 / 16.7-1000 mm	Thermal: 190 or 230 mm Optical: 12.5-775 / 16.7-1000 mm
Field of View (Thermal)	50 mm: 12.42° × 9.95° 75 mm: 8.3° × 6.64° 100 mm: 6.23° × 4.98°	75 mm: 8.3° × 6.64° 100 mm: 6.23° × 4.98°	150 mm: 20.56° × 16.51° 190 mm: 17.19° × 13.79° 230 mm: 26.61° × 21.43°	190 mm: 17.19° × 13.79° 230 mm: 26.61° × 21.43°	190 mm: 32.13° × 18.4° 230 mm: 24.33° × 13.83°
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25 fps	25 fps	25 fps	25 fps	25 fps
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Pan/Tilt	Pan: 360° Continuous Rotate; Tilt: From -90° to +40° [auto flip]	Pan: 360° Continuous Rotate; Tilt: From -90° to +40° [auto flip]	Pan: 360° Continuous Rotate; Tilt: From -45° to +45° [auto flip]	Pan: 360° Continuous Rotate; Tilt: From -45° to +45° [auto flip]	Pan: 360° Continuous Rotate; Tilt: From -45° to +45° [auto flip]
Audio Input	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 kΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1kΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1kΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1kΩ ± 10%
Audio Output	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω
Alarm Input	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	24 VAC ± 25%	24 VAC ± 25%	48 VDC, 220 W	48 VDC, 220 W	48 VDC, 220 W
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.
Temperature Measuring Range	-20° C - 150° C (-4 °F to +302°F)	-20° C - 150° C (-4 °F to +302°F)	-20° C - 150° C (-4 °F to +302°F)	-20° C - 150° C (-4 °F to +302°F)	-20° C - 150° C (-4 °F to +302°F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)



Thermography Group Products





Any Moment, Any Condition



Hikvision's Thermographic Cameras have been used widely for temperature detection in regions of interest, inspection on potential heat sources, and failure detection in noncontact electromechanical systems. They meet high demands for substations, hydropower stations, waste treatment plants, manufacturing workshops, and similar applications.

- > Accurate temperature measurement, up to ± 2 °C (± 3.6 °F) or ± 2 %
- > 24/7 real-time measurement with instant alarms on temperature anomalies
- > Deep learning algorithm reduces false alarms from forklifts, shadows, etc.
- > Various types of measuring rules for detection and recording flexibility
- > Continuous and consistent temperature data



Model	DS-2TD2137T-4P/7P	DS-2TD2167T-7/P	DS-2TD2637T-10P/15P	DS-2TD2667T-15/P
Image			 ←HOT	 ←HOT
Thermal Camera Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 35 mk (@25°C, F#=1.0)	< 35 mk (@25°C, F#=1.0)	< 35 mk (@25°C, F#=1.0)	< 35 mk (@25°C, F#=1.0)
Pixel Pitch (Thermal)	17 μm	17 μm	17 μm	17 μm
Max. Resolution (Thermal)	384 × 288	640 × 512	384 × 288	640 × 512
Thermal Lens	4.4 or 6.5 mm	6.5 mm	9.7 or 15 mm	15mm
Optical Camera Sensor	/	/	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution (Optical)	/	/	2688 × 1520	2688 × 1520
Min. Illumination	/	/	Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)	Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)
Field of View (Thermal)	4 mm: 90° × 65.3° 7 mm: 60° × 44.1°	7 mm: 88.5° × 73.2°	10 mm: 37.5° × 28.5° 15 mm: 42.5° × 33.6°	15 mm: 24.5° × 18.5°
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25 fps	25 fps	25 fps	25 fps
Ingress Protection	IP67	IP67	IP67	IP67
Pan/Tilt	/	/	/	/
Audio Input	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4 V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4 V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4 V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4 V(p-p), output impedance: 1 KΩ ± 10%
Audio Output	Line level, impedance: 600 Ω	Line level, impedance: 600 Ω	Line level, impedance: 600 Ω	Line level, impedance: 600 Ω
Alarm Input	2-ch input (0-5 VDC)	2-ch input (0-5 VDC)	2-ch input (0-5 VDC)	2-ch input (0-5 VDC)
Alarm Output	2-ch relay output, supports Alarm Linkage	2-ch relay output, supports Alarm Linkage	2-ch relay output, supports Alarm Linkage	2-ch relay output, supports Alarm Linkage
Power	12 VDC ± 20% PoE (802.3af) 24 VAC ± 25%	12 VDC ± 20% PoE (802.3af) 24 VAC ± 25%	12 VDC ± 20% PoE (802.3af) 24 VAC ± 25%	12 VDC ± 20% PoE (802.3af) 24 VAC ± 25%
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 60 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.
Temperature Mesuring Range	-20° C to 550° C (-4 °F to +1022°F)	-20° C to 550° C (-4 °F to +1022°F)	-20° C to 550° C (-4 °F to +1022°F)	-20° C to 550° C (-4 °F to +1022°F)
Temperature Accuracy	Max (±2°C, ±2%)	Max (±2°C, ±2%)	Max (±2°C, ±2%)	Max (±2°C, ±2%)

Model	DS-2TD4228T-10/W	DS-2TD4237T-10/V2	DS-2TD4137T-9W/25W/50W	DS-2TD4167T-9W/25W
Image	 NEW			
Thermal Camera Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	≤ 35 mK (@25°C, F# = 1.0)	< 40 mK (@25°C, F# = 1.0)	< 35 mK (@25°C, F# = 1.1)	< 35 mK (@25°C, F# = 1.1)
Pixel Pitch (Thermal)	12µm	17 µm	17 µm	17 µm
Max. Resolution (Thermal)	256 × 192	384 × 288	384 × 288	384 × 288
Thermal Lens	Thermal: 10mm Optical: 4.8-153mm, 32x	Thermal: 10 mm Optical: 4.8-153 mm	Thermal: 9 or 25 mm Optical: 6-240 mm	Thermal: 9 or 25 mm Optical: 6-240 mm
Optical Camera Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520, 4 MP	1920 × 1080	2688 × 1520	2688 × 1520
Min. Illumination	Color: 0.05 lux @ (F1.2, AGC On) B/W: 0.01 lux @ (F1.2, AGC On)	Color: 0.05 lux @ (F1.2, AGC On) B/W: 0.01 lux @ (F1.2, AGC On)	Color: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)	Color: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)
Field of View (Thermal)	10mm: 18° × 13.5°	10 mm: 37.7° × 28.7°	9 mm: 37.9° × 28.7° 25 mm: 14.9° × 11.2° 50 mm: 7.5° × 5.6°	9 mm: 37.9° × 28.7° 25 mm: 14.9° × 11.2° 50 mm: 7.5° × 5.6°
Video Compression	H.265+/H.265/H.264+/ H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	50fps	25 fps	25 fps	25 fps
Ingress Protection	IP66	IP66	IP66	IP66
Pan/Tilt	Pan: 360° Continuous Rotate; Tilt: From -5° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -5° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -15° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -15° to +90° (auto flip)
Audio Input	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%
Audio Output	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω
Alarm Input	Up to 7-ch input (0-5 VDC)	Up to 7-ch input (0-5 VDC)	Up to 7-ch input (0-5 VDC)	Up to 7-ch input (0-5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	24 VAC ± 20%: 0.88 A, max. 30 W 48 VDC ± 20%: 0.625 A, max. 30 W	24 VAC	24 VAC	24 VAC
Environmental Requirement	From -40°C to 65°C (-40°F to 149°F); Humidity: 95% or Less	From -40 ° C to 65 ° C (-40 ° F to 149 ° F); Humidity: 90% or less	From -40 ° C to 65 ° C (-40 ° F to 149 ° F); Humidity: 95% or less	From -40 ° C to 65 ° C (-40 ° F to 149 ° F); Humidity: 95% or less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.
Temperature Measuring Range	-20° C to 550° C (-4 ° F to 1022° F)	-20° C to 550° C (-4 ° F to +1022° F)	-20° C to 550° C (-4 ° F to +1022° F)	-20° C to 550° C (-4 ° F to +1022° F)
Temperature Accuracy	Max (±2°C, ±2%)	Max (±2°C, ±2%)	Max (±2°C, ±2%)	Max (±2°C, ±2%)

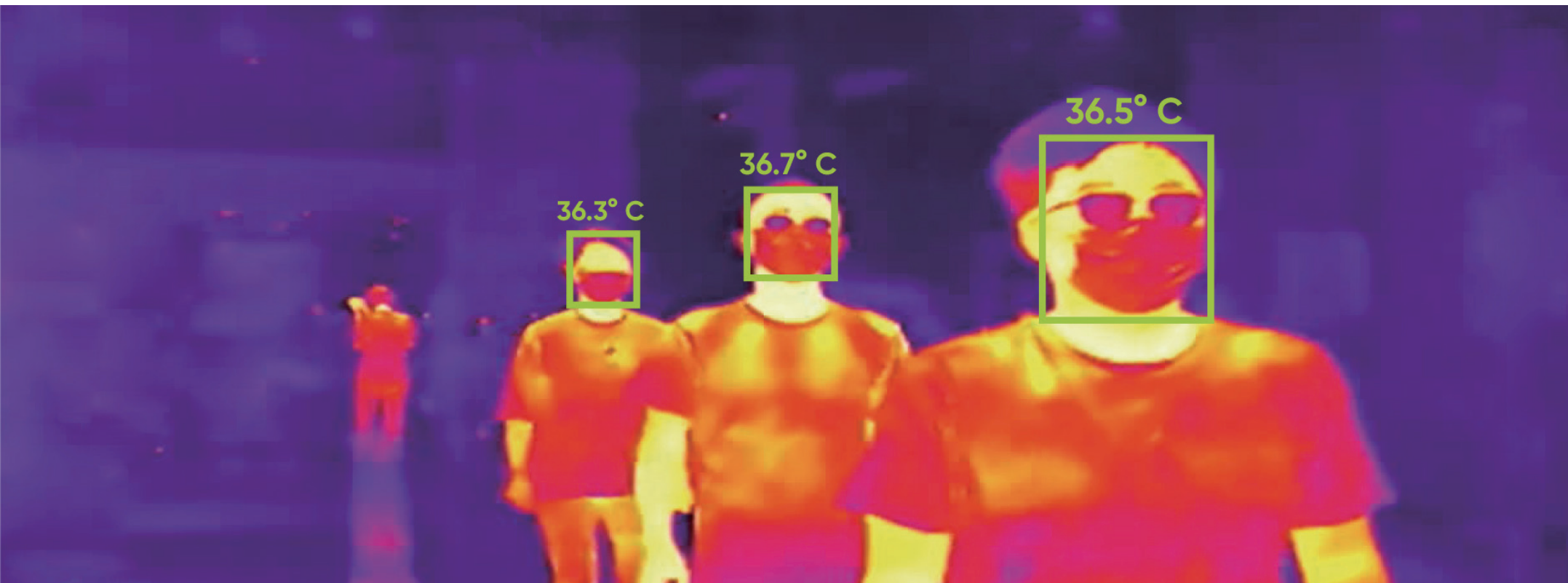
Model	DS-2TD5537T-W	DS-2TD6237T-W	DS-2TD6267T-25H4LW/50H4LW	DS-2TD3017T-2V/3V
Image	 <NEW	 <HOT		 <HOT
Thermal Camera Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 50mk(@25°C,F#=1.0)	NETD ≤ 35 mK (25 °C, F# = 1.0)	< 35 mK (@25°C,F# = 1.1)	< 40 mk(@25 °C,F# = 1.1)
Pixel Pitch (Thermal)	17 μm	17 μm	17 μm	17 μm
Max. Resolution (Thermal)	384 × 288	384 × 288	17 μm	160 × 120
Thermal Lens	Thermal: 7 or 15 or 25mm Optical: 5-160 mm	Thermal: 25 or 50mm Optical: 6 to 240 mm	Thermal: 9 or 25 mm Optical: 6-240 mm	2 or 3 mm
Optical Camera Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1600 x 1200
Max. Resolution (Optical)	2560 × 1440	2688 × 1520	2688 × 1520	Color: 0.04 Lux @ (2.4 AGC ON)
Min. Illumination	Color: 0.05 Lux @ (F1.6, AGC ON), B/W: 0.01 Lux @ (F1.6, AGC ON)	Color: 0.0005 Lux @ (F1.5, AGC ON), B/W: 0.0001 Lux @ (F1.5, AGC ON)	Color: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)	Thermal: 1.8 or 3.1 mm Optical: 1.29 mm
Field of View (Thermal)	7mm: 54.8°(H) × 42.5°(V) 15mm: 24.55°(H) × 18.54°(V) 25mm: 24.9°(H) × 20°(V)	25mm: 14.88° × 11.19° 50mm: 7.47° × 5.61°	25 mm: 24.55° × 19.75° 50 mm: 12.42° × 9.95°	2mm: 90° x 66.4° 3mm: 50° x 37.2°
Video Compression	H.265/H.264/MJPEG	H.265+/H.265/H.264+/ H.264	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	50 fps	50 fps	25 fps	25 fps
Ingress Protection	IP67	IP66	IP66	IP67
Pan/Tilt	Pan: 360° Continuous Rotate; Tilt: From -90° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -90° to +40° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -15° to +90° (auto flip)	/
Audio Input	1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V (p-p), output impedance: 1 KΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V (p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	/
Audio Output	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω	Linear Level; Impedance: 600 Ω	/
Alarm Input	2-ch inputs (0 to 5 VDC)	7-ch inputs (0 to 5 VDC)	Up to 7-ch input (0-5 VDC)	1-ch inputs (0-5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	1-ch relay outputs, alarm response actions configurable
Power	DC24 V±25%	24 VAC ± 20%, 36 VDC ± 20%, 48 VDC ± 15%, 5 A, max. 120 W	24 VAC	10-30 VDC, Max. 5W PoE (802.3af)
Environmental Requirement	From -40 ° C to 70 ° C; Humidity: 90% or less	From -40 ° C to 65 ° C (-40 ° F to 149 ° F); Humidity: 95% or less	From -40 ° C to 65 ° C (-40 ° F to 149 ° F); Humidity: 95% or less	From -20 ° C to 50 ° C (-40 ° F to 149 ° F); Humidity: 90% or less
VCA	Support	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	/
Fire Detection	Support	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	/
Temperature Measuring Range	-20° C to 550° C (-4 ° F to 1022° F)	-20° C to 550° C (-4 ° F to +1022° F)	-20° C to 550° C (-4 ° F to +1022° F)	-20° C to 550° C (-4 ° F to +1022° F)
Temperature Accuracy	Max. (± 2°C, ± 2%)	Max. (± 2°C, ± 2%)	Max (±2°C, ±2%)	Max (± 2 °C, ± 2%)

Temperature Screening Products

Safer & Smarter, Towards the New Normal



Hikvision's Temperature Screening Thermographic Cameras, with advanced algorithm and thermal detectors, are designed to detect elevated skin-surface temperatures. With accuracy up to ± 0.3 °C, (± 0.5 °F), they can be used for rapid and preliminary temperature screening in office buildings, factories, stations, airports, and other public places.

- > Safe - Noncontact measurement prevents physical contact
- > Flexible - Multiple product choices for fixed or portable deployment
- > Fast - One second per capita for skin-surface temperature detection
- > Accurate - Up to ± 0.5 °C (± 0.9 °F) w/o Blackbody Calibrator and ± 0.3 °C (± 0.5 °F) w/ Blackbody Calibrator
- > Smart - Deep-learning detection reduces false alarms



Thermography

Model	DS-2TB1217-30A/60A	DS-2TB2617-30A/60A	DS-2TD2636B-10P/13P/15P	DS-2TB3217-3W/6W NEW
Image	 <p style="color: red; border: 1px solid red; border-radius: 10px; padding: 2px; display: inline-block; margin-top: 5px;">Audio Warning and Strobe Light</p>	 <p style="color: red; border: 1px solid red; border-radius: 10px; padding: 2px; display: inline-block; margin-top: 5px;">Audio Warning and Strobe Light</p>		
Thermal Camera Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 40 mK (25°C), F# = 1.1	< 40 mK (25°C), F# = 1.1	< 40 mK (25°C), F# = 1.1	< 40 mK (@ 25 °C, F#=1.0)
Pixel Pitch (Thermal)	17 μm	17 μm	17 μm	17 μm
Max. Resolution (Thermal)	160 × 120 (the resolution of output image is 320 × 240)	160 × 120 (the resolution of output image is 320 × 240)	384 × 288	160 × 120
Thermal Lens	3.1 or 6.2 mm	3.1 or 6.2 mm	10, 13 or 15 mm	3.1 or 6.2 mm
Optical Camera Sensor	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520	2688 × 1520	2688 × 1520	2688 × 1520
Min. Illumination	Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON)	Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON)	Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON)	Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON)
Field of View (Thermal)	3mm: 84° × 44.8° 6 mm: 39.42° × 22.14°	3mm: 84° × 44.8° 6 mm: 39.42° × 22.14°	10mm: 37.5° × 28.5° 13mm: 28.8° × 21.6° 15mm: 24.5° × 18.5°	3mm: 50° × 37.2° 6mm: 25° × 18.7°
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25fps	25fps	25fps	25fps
Battery Operating Time	/	/	/	/
Ingress Protection	IP66	IP66	IP66	IP67
Audio Input	1, 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 KΩ ±10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 KΩ ±10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 KΩ ±10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 KΩ ±10%
Audio Output	Linear level; impedance: 600 Ω	Linear level; impedance: 600 Ω	Linear level; impedance: 600 Ω	Linear level; impedance: 600 Ω
Alarm Input	1-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)
Alarm Output	1-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	12 VDC ± 20% PoE (802.3af, class 3)	12 VDC ± 20% PoE (802.3af, class 3)	12 VDC ± 20% PoE (802.3af, class 3)	12 VDC ± 20%, PoE (802.3af, class 3)
Environmental Requirement	10 °C to 35 °C (Indoor and windless environment use only) 95% or less	Temperature: 10 °C to 35 °C (Indoor and windless environment use only) Humidity: 95% or less	Temperature: 10 °C to 35 °C (Indoor and windless environment use only) Humidity: 95% or less	Temperature: 10 °C to 35 °C (Indoor and windless environment use only) Humidity: 95% or less
Temperature Mesuring Range	30 °C to +45 °C	30 °C to +45 °C	30 °C to +45 °C	28 °C to 45 °C
Temperature Accuracy	± 0.5°C	± 0.5°C	± 0.5°C	± 0.5°C

Model	DS-2TP31B-3AUF	DS-2TP21B-6AVF/W
Image		
Thermal Camera Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
Pixel Pitch(Thermal)	17 μm	17 μm
Sensitivity	< 40 mk (@ 25 °C,F#=1.0)	< 40 mk (@ 25 °C,F#=1.0)
IFOV	5.48 mrad	2.74 mrad
Max. Resolution	Thermal: 160 x 120	160 x 120
Frame rate	25 fps	25 fps
Thermal Lens	3.1 mm	6.2 mm (Manual focus)
Field of View (Thermal)	37.2° x 50°	25° x 18.7°
Monitor	320 x 240 resolution 2.4" LCD display	640 x 480 resolution 3.5" LCD touch display
Storage	Replaceable memory card (default 8G, support up to 128G storage)	Built-in memory module (16 G)
Wi-Fi	/	support
Battery Operating Time	8 hours continuous running	5 hours in normal temperature, with Wi-Fi, Bluetooth, and supplement light off. 4 hours in normal temperature, with Wi-Fi, Bluetooth, and supplement light on.
Ingress Protection	IP54	IP54
Fall Resistant Level	2 m (6.56 feet)	2 m (6.56 feet)
Operating Temperature	-10 °C to 50 °C (14 °F to 122 °F)	15°C to 35 °C
Temperature Measuring Range	30°C to 45 °C	30°C to 45 °C
Temperature Accuracy	±0.5 °C	±0.5 °C
Dimension	196 mm x 117 mm x 59 mm (7.7 " x 4.6 " x 2.3 ")	244 mm x 100 mm x 104 mm (9.6 " x 3.9 " x 4.1 ")
Weight	Approx. less than 350 g (0.77 lb)	With Battery: 653 g (1.44 lb) Without Battery: 511 g (1.13 lb)
Temperature Accuracy	Max [± 2 °C, ± 2%]	Max [± 2 °C, ± 2%]

Commercial Display

- 108** LCD Video Wall
- 111** LED Display
- 125** Interactive Flat Panel
- 127** Digital Signage







LCD Video Wall





See It Better

- › Ultra-narrow bezel widths: 0.88, 1.8, and 3.5 mm
- › Industrial-grade panel and structure design
- › Precise in-factory color calibration
- › Various modes for multiple scenarios
- › Advanced UHD (4K) Splicing
- › Anti-static/Radiation protection



LCD Video Wall

Model		DS-D2046LU-Y	DS-D2049LU-Y	DS-D2055LU-Y	DS-D2055HU-Y
Image					
Display	Diagonal Size (inch)	46"	49"	55"	55"
	Backlight	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)
	Panel	IPS	IPS	IPS	IPS
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Color	16.7M	16.7M	16.7M	16.7M
	Visual Angle	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°
	Response Time	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)
	Contrast	1200:1	1200:1	1200:1	1200:1
	Brightness	500 cd/m ²	700 cd/m ²	500 cd/m ²	700 cd/m ²
	Dot Pitch (H×V)	0.53 mm × 0.53 mm (0.021" × 0.021")	0.56 mm × 0.56 mm (0.022" × 0.022")	0.63 mm × 0.63 mm (0.025" × 0.025")	0.63 mm × 0.63 mm (0.025" × 0.025")
	Color Saturation	72%	72%	72%	72%
	Screen Moving Area (H×V)	1018.08 mm × 572.67 mm (40.08" × 22.55")	1074.24 mm × 604.26 mm (42.29" × 23.78")	1209.63 mm × 680.34 mm (47.62" × 26.78")	1209.63 mm × 680.34 mm (47.62" × 26.78")
Side Frame Size	Physical Seam	3.5 mm (0.14")	3.5 mm (0.14")	3.5 mm (0.14")	3.5 mm (0.14")
Interface	Input Interface	VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1	VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1	VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1	VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1
	Output Interface	HDMI × 1	HDMI × 1	HDMI × 1	HDMI × 1
	Control Interface	RS232 IN × 1, RS232 OUT × 1	RS232 IN × 1, RS232 OUT × 1	RS232 IN × 1, RS232 OUT × 1	RS232 IN × 1, RS232 OUT × 1
Power	Power Consumption	111 W	134 W	187 W	235 W
	Power Requirement	100 to 240 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz
Working Environment	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)
	Operating Humidity	10% to 80% (No Condensation)	10% to 80% (No Condensation)	10% to 80% (No Condensation)	10% to 80% (No Condensation)
	Working Life	≥ 60,000 Hours	≥ 60,000 Hours	≥ 60,000 Hours	≥ 60,000 Hours
Physical Features	Dimension (W×H×D)	1021.98 mm × 576.57 mm × 72.25 mm (40.24" × 22.7" × 2.84")	1078.34 mm × 608.36 mm × 72.8 mm (42.45" × 23.95" × 2.87")	1213.5 mm × 684.3 mm × 71.74 mm (47.78" × 26.94" × 2.82")	1213.5 mm × 684.3 mm × 71.74 mm (47.78" × 26.94" × 2.82")
	Frame Width	2.3 mm (top/left) 1.2 mm (bottom/right)	2.3 mm (top/left) 1.2 mm (bottom/right)	2.3 mm (top/left) 1.2 mm (bottom/right)	2.3 mm (top/left) 1.2 mm (bottom/right)
	Bracket	-	-	-	-

Model		DS-D2055LE-G	DS-D2055HE-G	DS-D2055LR-G	DS-D2055HR-G
Image		 NEW	 NEW	 NEW	 NEW
Display	Diagonal Size (Inch)	55"	55"	55"	55"
	Backlight	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)	LED Backlight (Direct type)
	Panel	IPS	IPS	IPS	IPS
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Color	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion
	Visual Angle	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°
	Response Time	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)	8 ms (G to G)
	Contrast	1400:1	1400:1	1200:1	1100:1
	Brightness	500 cd/m ²	700 cd/m ²	500 cd/m ²	700 cd/m ²
	Dot Pitch (H×V)	0.63 mm × 0.63 mm (0.025" × 0.025")	0.63 mm × 0.63 mm (0.025" × 0.025")	0.63 mm × 0.63 mm (0.025" × 0.025")	0.63 mm × 0.63 mm (0.025" × 0.025")
	Color Saturation	72%	72%	72%	72%
	Screen Moving Area (H×V)	1209.6 mm × 680.3 mm (47.62" × 26.78")	1209.6 mm × 680.3 mm (47.62" × 26.78")	1209.63 mm × 680.34 mm (47.62" × 26.78")	1209.63 mm × 680.34 mm (47.62" × 26.78")
Side Frame Size	Physical Seam	1.8 mm (0.07")	1.8 mm (0.07")	0.88 mm (0.034")	0.88 mm (0.034")
Interface	Input Interface	VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1	VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1	VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1	VGA × 1, HDMI × 1, DVI × 1, DP × 1, USB × 1
	Output Interface	HDMI × 1	HDMI × 1	HDMI × 1	HDMI × 1
	Control Interface	RS232 IN × 1, RS232 OUT × 1	RS232 IN × 1, RS232 OUT × 1	RS232 IN × 1, RS232 OUT × 1	RS232 IN × 1, RS232 OUT × 1
Power	Power Consumption	192 W	230 W	192 W	230 W
	Power Requirement	100 to 240 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz
Working Environment	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)
	Operating Humidity	10% to 90% (No Condensation)	10% to 90% (No Condensation)	10% to 90% (No Condensation)	10% to 90% (No Condensation)
	Working Life	≥ 60,000 Hours	≥ 60,000 Hours	≥ 60,000 Hours	≥ 60,000 Hours
Physical Features	Dimension (W×H×D)	1211.54 mm × 682.34 mm × 68.9 mm (47.7" × 26.86" × 2.71")	1211.54 mm × 682.34 mm × 68.9 mm (47.7" × 26.86" × 2.71")	1210.81 mm × 681.76 mm × 68.9 mm (47.67" × 26.84" × 2.71")	1210.81 mm × 681.76 mm × 68.9 mm (47.67" × 26.84" × 2.71")
	Frame Width	0.9 mm (top/left) 0.9 mm (bottom/right)	0.9 mm (top/left) 0.9 mm (bottom/right)	0.44 mm (top/left) 0.44 mm (bottom/right)	0.44 mm (top/left) 0.44 mm (bottom/right)
	Bracket	-	-	-	-






LED Display






Brighten Every Moment






- > Pix Master Pixel Control – Proprietary image processing technology enhances image clarity without loss of detail.
- > Top Grey Level – 22-bit top grey level brings you a wider range of color grades
- > Remote Control – Remote controller meets all your needs, including display modes adjustments & signal source switches, brightness level, automatic dehumidification and blue light filtering
- > User-friendly Design – Flexible installation with floor-standing, wall-mounting, and hoisting methods to choose from; easier maintenance with front magnetic wireless module design
- > Automatic Dehumidification – Automatic dehumidification function lowers light failures by 30% on average, effectively lengthening lifespan

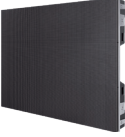





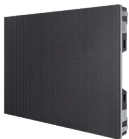

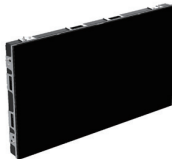
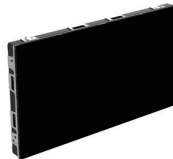
Indoor LED Display

Model		DS-D4209FI-MWF / III	DS-D4212FI-GWF/III	DS-D4212FI-CWF/III	DS-D4212FI-MWF	DS-D4215FI-GWF/III
Image		 NEW			 NEW	
Module Composition	Pixel structure	Surface mounted quaternary LED	SMD Triad LED	SMD Triad LED	SMD Triad LED	SMD Triad LED
	Pixel pitch (mm)	0.9375 mm	1.25 mm	1.25 mm	1.25 mm	1.5625 mm
	Module Resolution (W × H)	320 × 90	240 × 67	240 × 67	240 × 67	192 × 54
	Module Dimension (W × H)	300 mm × 84.375 mm	300 mm × 83.75 mm	300 mm × 83.75 mm	300 mm × 83.75 mm	300 mm × 84.375 mm
Unit Composition	Unit module composition (W × H)	2 × 4	2 × 4	2 × 4	2 × 4	2 × 4
	Unit Resolution (W × H)	640 × 360	480 × 270	480 × 270	480 × 270	384 × 216
	Unit area	0.2025 m ²	0.2025 m ²	0.2025 m ²	0.2 m ²	0.2025 m ²
	Weight	5.4 Kg (11.9 lb)	5.4 Kg (11.9 lb)	5.4 Kg (11.9 lb)	5.4 Kg (11.9 lb)	5.4 Kg (11.9 lb)
Optical Parameters	Pixel density	142222 dots/m ²	640000 dots/m ²	640000 dots/m ²	640000 dots/m ²	409600 dots/m ²
	Unit Ratio	0.2025 m ²	0.2025 m ²	0.2025 m ²	16:9	16:9
	Brightness(nits)	800	800	800	800	800
	Color Temperature	3000 to 10000 adjustable	3000 to 10000 adjustable	3000 to 10000 adjustable	3000 to 10000 adjustable	3000 to 10000 adjustable
	Viewing Angle	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°
	Luminous point center distance deviation	< 3%	< 3%	< 3%	< 3%	< 3%
	Brightness uniformity	≥ 97%	≥ 97%	≥ 97%	≥ 97%	≥ 97%
Electrical parameters	Color uniformity	≤ ± 0.003Cx, Cy	≤ ± 0.003Cx, Cy	≤ ± 0.003Cx, Cy	≤ ± 0.003Cx, Cy	≤ ± 0.003Cx, Cy
	Max. Contrast	≥ 5000:1	≥ 5000:1	≥ 5000:1	≥ 5000:1	≥ 5000:1
	Peak Consumption	142	600	600	600	450
Processing Performance	Average Consumption	47	200	200	200	150
	Power Supply	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%
	Drive Mode	Constant current driving	Constant current driving	Constant current driving	Constant current driving	Constant current driving
General	Frame Rate	Constant current driving	60 Hz	60 Hz	60 Hz	60 Hz
	Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
	Service life(H)	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h
General	Temperature(°C)	-10°C to 40°C	-10°C to 40°C	-10°C to 40°C	-10°C to 40°C	-10°C to 40°C
	Humidity(RH)	10% to 80% RH (non-condensing)	10% to 80% RH (non-condensing)	10% to 80% RH (non-condensing)	10% to 60% RH (non-condensing)	10% to 80% RH (non-condensing)







Model		DS-D4215FI-CWF/ III	DS-D4215FI-MWF	DS-D4218FI-CWF/ III	DS-D4225FI-CWF/ III	DS-D4237FI-CWF/ III
Image						
Module Composition	Pixel structure	SMD Triad LED	SMD Quaternary LED	SMD Triad LED	SMD Triad LED	SMD Triad LED
	Pixel pitch (mm)	1.5625 mm	1.56 mm	1.875 mm	2.48 mm	3.75 mm
	Module Resolution (W × H)	192 × 54	192 × 54	160 × 45	120 × 34	80 × 45
	Module Dimension (W × H)	300 mm × 84.375 mm	300 mm × 84.375 mm	300 mm × 84.375 mm	300 mm × 84.32 mm	300 mm × 168.75 mm
Unit Composition	Unit module composition (W × H)	2 × 4	2 × 4	2 × 4	2 × 4	2 × 2
	Unit Resolution (W × H)	384 × 216	384 × 216	320 × 180	240 × 136	160 × 90
	Unit area	0.2025 m ²	0.2 m ²	0.2025 m ²	0.2025 m ²	0.2025 m ²
	Weight	5.4 Kg (11.9 lb)	5.4 Kg (11.9 lb)	5.4 Kg (11.9 lb)	5.4 Kg (11.9 lb)	5.4 Kg (11.9 lb)
Optical Parameters	Pixel density	409600 dots/m ²	409600 dots/m ²	284444 dots/m ²	161185 dots/m ²	71111 dots/m ²
	Unit Ratio	16:9	16:9	16:9	16:9	16:9
	Brightness(nits)	800	600	800	800	800
	Color Temperature	3000 to 10000 adjustable	3000 to 10000 adjustable	3000 to 10000 adjustable	3000 to 10000 adjustable	3000 to 10000 adjustable
	Viewing Angle	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°
	Luminous point center distance deviation	< 3%	< 3%	< 3%	< 3%	< 3%
	Brightness uniformity	≥ 97%	≥ 97%	≥ 97%	≥ 97%	≥ 97%
Electrical parameters	Color uniformity	≤ ± 0.003Cx, Cy	≤ ± 0.003Cx, Cy	≤ ± 0.003Cx, Cy	≤ ± 0.003Cx, Cy	≤ ± 0.003Cx, Cy
	Max. Contrast	≥ 5000:1	≥ 3000:1	≥ 5000:1	≥ 5000:1	≥ 5000:1
	Peak Consumption	450	550	345	375	270
	Average Consumption	150	183	115	125	90
Processing Performance	Power Supply	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%
	Drive Mode	Constant current driving	Constant current driving	Constant current driving	Constant current driving	Constant current driving
	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
General	Refresh Rate	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz	Up to 3840 Hz
	Service life(H)	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h
	Temperature(°C)	-10°C to 40°C	-10°C to 40°C	-10°C to 40°C	-10°C to 40°C	-10°C to 40°C
Humidity(RH)		10% to 80% RH (non-condensing)	10% to 60% RH (non-condensing)	10% to 80% RH (non-condensing)	10% to 80% RH (non-condensing)	10% to 80% RH (non-condensing)








Model		DS-D4418FI-CAF(B)	DS-D4425FI-CAF(B)	DS-D4437FI-CAF	DS-D4426RI-CAF	DS-D4439RI-CAF
Image		 NEW	 NEW			
Module Composition	Pixel structure	SMD Triad LED	SMD Triad LED	1R161B	SMD Triad LED	SMD Triad LED
	Pixel pitch (mm)	1.875 mm	2.5 mm	3.75 mm	2.604 mm	3.906 mm
	Module Resolution (W × H)	128 × 144	96 × 108	64 × 72	192 × 192	128 × 128
	Module Dimension (W × H)	240 mm × 270 mm	240 mm × 270 mm	240 mm × 270 mm	250 mm × 250mm	250 mm × 250mm
Unit Composition	Unit module composition (W × H)	2 × 1, 2 × 2, 1 × 2	2 × 1, 2 × 2, 1 × 2	2 × 2	2 × 2	2 × 2
	Unit Resolution (W × H)	256 × 144, 256 × 288, 128 × 288	192 × 108, 192 × 216, 96 × 216	128 × 144	192 × 192	128 × 128
	Unit area	0.1296 m ² , 0.2592 m ² , 0.1296 m ²	0.1296 m ² , 0.2592 m ² , 0.1296 m ²	0.2592 m ²	0.25 m ²	0.25 m ²
	Weight	3.5 Kg (7.72lb)	3.5 Kg (7.72lb), 6.9kg(15.21lb)	≤7kg (15.4lb)	7.7 Kg (16.97lb)	7.7 Kg (16.97lb)
Optical Parameters	Pixel density	284,444 dots/m ²	160000 dots/m ²	71,111 dots/m ²	147456 dots/m ²	147456 dots/m ²
	Unit Ratio	16:9	16:9	16:9	1:1	1:1
	Brightness(nits)	800	800	600	800 cd/m ²	800 cd/m ²
	Color Temperature	3000 to 10000 adjustable	3000 to 10000 adjustable	2000 to 10000 adjustable	3000 K to 10000 K adjustable	3000 K to 10000 K adjustable
	Viewing Angle	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°
	Luminous point center distance deviation	≤ 3%	≤ 3%	≤ 3%	≤ 3%	≤ 3%
	Brightness uniformity	≥ 97%	≥ 97%	≥ 97%	≥ 97%	≥ 97%
	Color uniformity	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy
	Max. Contrast	≥5000 : 1	≥5000 : 1	≥5000 : 1	≥ 6000:1	≥ 6000:1
	Electrical parameters	Peak Consumption	600	600	700	≤ 550 W/m ²
Average Consumption		200	200	202	≤ 180 W/m ²	≤ 180 W/m ²
Power Supply		110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	100 to 240 VAC ± 15%	110 to 220 VAC ± 15%	110 to 220 VAC ± 15%
Processing Performance	Drive Mode	Constant current driving	Constant current driving	Constant current driving	Constant current driving	Constant current driving
	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Refresh Rate	Up to 3840 Hz	3,840 Hz	1,920 Hz	3840 Hz	3840 Hz
General	Service life(H)	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h
	Temperature(°C)	-10°C to 40°C	-10°C to 40°C	-10°C to 40°C	-15-50 °C	-15-50°C
	Humidity(RH)	10 to 80 % (non-condensing)	10 to 80 % (non-condensing)	10 to 95 % (non-condensing)	10%-80%RH	10%-80%RH

Model		DS-D4425FI-CKF	DS-D4226RI-CAF	DS-D4239RI-CAF	DS-D4218FI-CAF	DS-D4225FI-CKF
Image						
Module Composition	Pixel structure	SMD 3-IN-1 LED	SMD Triad LED	SMD Triad LED	SMD 3-IN-1 LED	SMD 3-IN-1 LED
	Pixel pitch (mm)	2.5 mm	2.604 mm	3.906 mm	1.86 mm	2.5 mm
	Module Resolution (W × H)	128 × 64	192 × 192	128 × 128	128 × 96	128 × 64
	Module Dimension (W × H)	320 mm × 160 mm	250 mm × 250mm	250 mm × 250mm	240 mm × 270mm	320 mm × 160 mm
Unit Composition	Unit module composition (W × H)	3 × 2	2 × 2	2 × 2	3 × 2	3 × 2
	Unit Resolution (W × H)	256 × 192	192 × 192	128 × 128	256 × 288	256 × 192
	Unit area	0.3072 m ²	0.25 m ²	0.25 m ²	0.3072 m ²	0.3072 m ²
	Weight	8.8 kg (19.4 lb.)	7.7 Kg (16.97lb)	7.7 Kg (16.97lb)	8.8 kg (19.4 lb.)	8.8 kg (19.4 lb.)
Optical Parameters	Pixel density	160000 dots/m ²	147456 dots/m ²	65536 dots/m ²	288906 dots/m ²	160000 dots/m ²
	Unit Ratio	4:3	1:1	1:1	8:9	4:3
	Brightness(nits)	600 cd/m ²	800 cd/m ²	800 cd/m ²	600 cd/m ²	600 cd/m ²
	Color Temperature	3000 K to 10000 K adjustable	3000 K to 10000 K adjustable	3000 K to 10000 K adjustable	3000 K to 10000 K adjustable	3000 K to 10000 K adjustable
	Viewing Angle	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°
	Luminous point center distance deviation	≤ 3%	≤ 3%	≤ 3%	≤ 3%	≤ 3%
	Brightness uniformity	≥ 97%	≥ 97%	≥ 97%	≥ 97%	≥ 97%
	Color uniformity	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy
Electrical parameters	Max. Contrast	≥ 5000:1	≥ 6000:1	≥ 6000:1	≥ 5000:1	≥ 5000:1
	Peak Consumption	≤ 600 W/m ²	≤ 550 W/m ²	≤ 460 W/m ²	≤ 600 W/m ²	≤ 600 W/m ²
	Average Consumption	≤ 200 W/m ²	≤ 180 W/m ²	≤ 150 W/m ²	≤ 200 W/m ²	≤ 200 W/m ²
	Power Supply	200 to 240 VAC	110 to 220 VAC ± 15%	110 to 220 VAC ± 15%	200 to 240 VAC	200 to 240 VAC
Processing Performance	Drive Mode	Constant current driving	Constant current driving	Constant current driving	Constant current driving	Constant current driving
	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Refresh Rate	3840 Hz	3840 Hz	3840 Hz	3840 Hz	3840 Hz
General	Service life(H)	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h
	Temperature(°C)	-10-40 °C	-15-50 °C	-15-50 °C	-10-40 °C	-10-40 °C
	Humidity(RH)	10%-80%RH	10%-80%RH	10%-80%RH	10%-80%RH	10%-80%RH








Model		DS-D4225FI-CAF	DS-D4237FI-CAF	DS-D4209CI-ZWDB	DS-D4212CI-ZWDB
Image					
Module Composition	Pixel structure	SMD Triad LED	SMD 3-IN-1 LED	1R1G1B	1R1G1B
	Pixel pitch (mm)	2.5 mm	3.75 mm	0.9375mm	1.25mm
	Module Resolution (W × H)	96x108	64 × 72	320 × 360	280 × 270
	Module Dimension (W × H)	240 mm x 270mm	240 mm x 270mm	300 mm x 337.5mm	300 mm x 337.5mm
Unit Composition	Unit module composition (W × H)	2 × 2	2 × 2	1 × 2	1 × 2
	Unit Resolution (W × H)	192 x 216	128 x 144	640×360	480×270
	Unit area	0.2592 m ²	0.2592 m ²	0.2025 m ²	0.2025 m ²
	Weight	6.9kg (15.21lb)	6.95kg (14.33lb)	<6.8kg	<6.5kg
Optical Parameters	Pixel density	160000 dots/m ²	71111 dots/m ²	230399 dots/m ²	640000 dots/m ²
	Unit Ratio	8:9	8:9	16:9	16:9
	Brightness(nits)	800 cd/m ²	600 cd/m ²	600 cd/m ²	600 cd/m ²
	Color Temperature	3000 K to 10000 K adjustable	3000 K to 10000 K adjustable	9000K ±200K adjustable	9000K ±200K adjustable
	Viewing Angle	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°
	Luminous point center distance deviation	≤ 3%	≤ 3%	≤ 3%	≤ 3%
	Brightness uniformity	≥ 97%	≥ 97%	≥ 97%	≥ 97%
	Color uniformity	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy
	Max. Contrast	≥ 5000:1	≥ 5000:1	≥ 15000:1	≥ 15000:1
	Electrical parameters	Peak Consumption	≤ 600 W/m ²	≤ 570 W/m ²	≤ 620 W/m ²
Average Consumption		≤ 200 W/m ²	≤ 170 W/m ²	≤ 207 W/m ²	≤ 187 W/m ²
Power Supply		110 to 220 VAC ± 15%	110 to 220 VAC ± 15%	100 to 240 VAC	100 to 240 VAC
Processing Performance	Drive Mode	Constant current driving	Constant current driving	Constant current driving	Constant current driving
	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz
	Refresh Rate	3840 Hz	3840 Hz	1920-3840 Hz	1920-3840 Hz
General	Service life(H)	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h	≥ 100,000 h
	Temperature(°C)	-10-40 °C	-10-40 °C	-10-40 °C	-10-40 °C
	Humidity(RH)	10%-85%RH	10%-90%RH	10%-80%RH	10%-80%RH



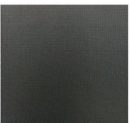


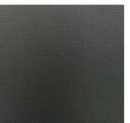
Outdoor LED Display


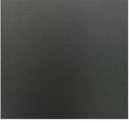
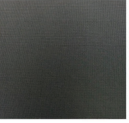
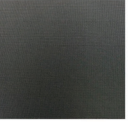


Model	DS-D4440F0	DS-D4450F0	DS-D4460F0	DS-D4480F0	DS-D44A0F0	DS-D44A6F0	
Image							
Module Composition	Pixel structure	1R1G1B	1R1G1B	1R1G1B	1R1G1B	SMD3535	DIP346
	Pixel pitch (mm)	4.0 mm	5.0 mm	6.67 mm	8.0 mm	10 mm	16 mm
	Module Resolution (W × H)	80 × 40	64 × 32	32 × 32	40 × 20	32 × 16	20 × 20
	Module Dimension (W × H)	320 mm × 160 mm	320 mm × 160 mm	192 mm × 192 mm	320 mm × 160 mm	320 mm × 160 mm	256 mm × 256 mm
Unit Composition	Unit module composition (W × H)	3 × 6	3 × 6	5 × 5	3 × 6	3 × 6	4 × 4
	Unit Resolution (W × H)	240 × 240	192 × 192	144 × 144	120 × 120	96 × 96	60 × 60
	Unit area	0.9216 m ²	0.9216 m ²	0.9216 m ²	0.9216 m ²	0.9216 m ²	0.9216 m ²
	Weight	52kg/m ²	52kg/m ²	52kg/m ²	52kg/m ²	52kg/m ²	52kg/m ²
	Pixel density	62500 dots/m ²	40000 dots/m ²	27777 dots/m ²	15625 dots/m ²	10000 dots/m ²	3906 dots/m ²
	Unit Ratio	1:1	1:1	1:1	1:1	1:1	1:1
	Brightness(nits)	≥5500(cd/m2)	≥5500(cd/m2)	≥5500(cd/m2)	≥5500(cd/m2)	≥5500(cd/m2)	≥7500(cd/m2)
Optical Parameters	Color Temperature	2000-9500K adjustable	2000-9500K adjustable	2000-9500K adjustable	2000-9500K adjustable	2000-9500K adjustable	2000-9500K adjustable
	Viewing Angle	120° (Horizontal), 120° (Vertical)	120° (Horizontal), 120° (Vertical)	120° (Horizontal), 120° (Vertical)	120° (Horizontal), 120° (Vertical)	120° (Horizontal), 120° (Vertical)	110° (Horizontal), 50° (Vertical)
	Luminous point center distance deviation	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%
	Brightness uniformity	≥95%	≥97%	≥97%	≥97%	≥97%	≥97%
	Color uniformity	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy
	Peak Consumption	900 W/m ²	950 W/m ²	900 W/m ²	900 W/m ²	900 W/m ²	900 W/m ²
Electrical parameters	Average Consumption	300 W/m ²	315 W/m ²	300 W/m ²	300 W/m ²	300 W/m ²	300 W/m ²
	Power Supply	100 to 240 VAC ± 15%	100 to 240 VAC ± 15%	100 to 240 VAC ± 15%	100 to 240 VAC ± 15%	100 to 240 VAC ± 15%	100 to 240 VAC ± 15%
	Drive Mode	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving
Processing Performance	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Refresh Rate	≥1920Hz	≥1920Hz	≥1920Hz	≥1920Hz	1,920 Hz	1920Hz
	Service life(H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)
General	Temperature(°C)	-20 to 50 ° C (-4 to 122 ° F)	-20 to 50 ° C (-4 to 122 ° F)	-20 to 50 ° C (-4 to 122 ° F)	-20 to 50 ° C (-4 to 122 ° F)	-20 to 50 ° C (-4 to 122 ° F)	-20 to 50 ° C (-4 to 122 ° F)
	Humidity(RH)	10-90%(Non-condensing)	10-90%(Non-condensing)	10-90%(Non-condensing)	10-90%(Non-condensing)	10-90%(Non-condensing)	10-90%(Non-condensing)

Model	DS-D4240F0	DS-D4250F0	DS-D4260F0	DS-D4280F0	DS-D42A0F0	DS-D42A0F0-D	DS-D42A6F0-D	
Image								
Module Composition	Pixel structure	SMD Triad LED	SMD Triad LED	SMD Triad LED	SMD Triad LED	SMD Triad LED	DIP Triad LED	DIP Triad LED
	Pixel pitch (mm)	4.0 mm	5.0 mm	6.67 mm	8.0 mm	10 mm	10 mm	16 mm
	Module Resolution (W × H)	80 x 40	64 x 32	48 x 24	40 x 20	32 x 16	32 x 16	20 x 10
	Module Dimension (W × H)	320 mm x 160 mm	320 mm x 160 mm	320 mm x 160 mm	320 mm x 160 mm	320 mm x 160 mm	320 mm x 160 mm	320 mm x 160 mm
Unit Composition	Unit module composition (W × H)	3 x 6	3 x 6	3 x 6	3 x 6	3 x 6	3 x 6	3 x 6
	Unit Resolution (W × H)	240 x 240	192 x 192	144 x 144	120 x 120	96 x 96	96 x 96	60 x 60
	Unit area	0.9216 m ²	0.9216 m ²	0.9216 m ²	0.9216 m ²	0.9216 m ²	0.9216 m ²	0.9216 m ²
	Weight	29 Kg	29Kg	29Kg	29Kg	29Kg	29Kg	29Kg
	Pixel density	62500 dots/m ²	40000 dots/m ²	22500 dots/m ²	15625 dots/m ²	10000 dots/m ²	10000 dots/ m ²	3906 dots/m ²
	Unit Ratio	1:1	1:1	1:1	1:1	1:1	1:1	1:1
	Brightness(nits)	≥5500(cd/m2)	≥5500(cd/m2)	≥6000(cd/m2)	≥6000(cd/m2)	≥6000(cd/m2)	≥7500(cd/m2)	≥7500(cd/m2)
	Color Temperature	2000-9300K adjustable	2000-9300K adjustable	2000-9300K adjustable	2000-9300K adjustable	2000-9300K adjustable	2000-9300K adjustable	2000-9300K adjustable
Optical Parameters	Viewing Angle	140 (Horizontal), 140 (Vertical)	140 (Horizontal), 140 (Vertical)	140 (Horizontal), 140 (Vertical)	140 (Horizontal), 140 (Vertical)	140(Horizontal),140(Vertical)	110(Horizontal),50(Vertical)	110(Horizontal),50(Vertical)
	Luminous point center distance deviation	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%
	Brightness uniformity	≥95%	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%
	Color uniformity	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy
	Peak Consumption	850 W/m ²	850 W/m ²	850 W/m ²	780 W/m ²	780 W/m ²	500 W/m ²	500 W/m ²
Electrical parameters	Average Consumption	280 W/m ²	280 W/m ²	280 W/m ²	260 W/m ²	260 W/m ²	165 W/m ²	165 W/m ²
	Power Supply	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%
	Drive Mode	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving
Processing Performance	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz
	Service life(H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)
General	Temperature(°C)	-10 to 55 ° C [14 to 131° F]	-10 to 55 ° C [14 to 131° F]	-10 to 55 ° C [14 to 131° F]	-10 to 55 ° C [14 to 131° F]	-10 to 55 ° C [14 to 131° F]	-10 to 55 ° C [14 to 131° F]	-10 to 55 ° C [14 to 131° F]
	Humidity(RH)	10-80%(Non-condensing)	10-90%(Non-condensing)	10-80%(Non-condensing)	10-80%(Non-condensing)	10-80%(Non-condensing)	10-80%(Non-condensing)	10-80%(Non-condensing)

Network Camera
PTZ Dome Camera
Panoramic Camera
Explosion-Proof & Anti-Corrosion Series
NVR
Network Storage
Data Center
Thermal Display
Commercial Decoder
Video Wall Controller
Software Accessories
DORI Distance

Model		DS-D4439R0-CA	DS-D4448R0-CA	DS-D4239R0-CA	DS-D4248R0-CA	DS-D4239F0-BGF	DS-D4248F0-BGF	DS-D4225F0-BGF
Image								
Module Composition	Pixel structure	SMD Triad LED	SMD Triad LED	SMD Triad LED	SMD Triad LED	SMD 3-IN-1 LED	SMD 3-IN-1 LED	SMD 3-IN-1 LED
	Pixel pitch (mm)	3.906 mm	4.8 mm	3.906 mm	4.8 mm	3.9 mm	4.8 mm	2.5 mm
	Module Resolution (W × H)	64 × 64	52 × 52	64 × 64	52 × 52	64 × 64	104 × 104	100 × 100
	Module Dimension (W × H)	250 mm × 250mm	250 mm × 250mm	250 mm × 250mm	250 mm × 250mm	250 mm × 250mm	250 mm × 250mm	250 mm × 250mm
Unit Composition	Unit module composition (W × H)	2 × 2	2 × 2	2 × 2	2 × 2	2 × 2	2 × 2	2 × 2
	Unit Resolution (W × H)	128 × 128	104 × 104	128 × 128	104 × 104	128 × 128	104 × 104	200 × 200
	Unit area	0.25 m ²	0.25 m ²	0.25 m ²	0.25 m ²	0.25 m ²	0.25 m ²	0.25 m ²
	Weight	8.5 Kg (18.74lb)	8.5 Kg (18.74lb)	8.5 Kg (18.74lb)	8.5 Kg (18.74lb)	8.25 Kg (18.2 lb)	8.25 Kg (18.2 lb)	8.25 Kg (18.2 lb)
	Pixel density	65536 dots/m ²	42364 dots/m ²	65536 dots/m ²	42364 dots/m ²	65536 dots/m ²	42364 dots/m ²	160000 dots/m ²
	Unit Ratio	1:1	1:1	1:1	1:1	1:1	1:1	1:1
	Brightness(nits)	5000 cd/m ²	4500 cd/m ²	5000 cd/m ²	4500 cd/m ²	5500 cd/m ²	5500 cd/m ²	5000 cd/m ²
Optical Parameters	Color Temperature	3000 K to 10000 K adjustable	3000 K to 10000 K adjustable	3000 K to 10000 K adjustable	3000 K to 10000 K adjustable	2000 K to 9300 K adjustable	2000 K to 9300 K adjustable	2000 K to 9300 K adjustable
	Viewing Angle	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 140°, vertical 140°	Horizontal 140°, vertical 140°	Horizontal 140°, vertical 140°
	Luminous point center distance deviation	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%
	Brightness uniformity	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%
	Color uniformity	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy
Electrical parameters	Peak Consumption	≤ 680 W/m ²	≤ 680 W/m ²	≤ 680 W/m ²	≤ 680 W/m ²	≤ 750 W/m ²	≤ 750 W/m ²	≤ 750 W/m ²
	Average Consumption	≤ 230 W/m ²	≤ 230 W/m ²	≤ 230 W/m ²	≤ 230 W/m ²	≤250 W/m ²	≤250 W/m ²	≤250 W/m ²
	Power Supply	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%
Processing Performance	Drive Mode	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving
	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz	3840Hz
General	Service life(H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)
	Temperature(°C)	-15-50 °C	-15-50 °C	-15-50 °C	-15-50 °C	-10 to 55 ° C (14 to 131° F)	-10 to 55 ° C (14 to 131° F)	-10 to 55 ° C (14 to 131° F)
	Humidity(RH)	10%-85%RH	10%-85%RH	10%-85%RH	10%-85%RH	10%-85%RH	10%-85%RH	10%-85%RH

Model		DS-D4430F0-CKI	DS-D4440F0-CKI	DS-D4450F0-CKI	DS-D4460F0-CKI	DS-D4480F0-CKI	DS-D44A0F0-CKI
Image							
Module Composition	Pixel structure	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
	Pixel pitch (mm)	3.076 mm	4 mm	5 mm	5.7 mm	8 mm	10 mm
	Module Resolution (W × H)	104×52	80×40	64×32	56×28	40×20	32×16
	Module Dimension (W × H)	320 mm×160 mm	320 mm×160 mm	320 mm×160 mm	320 mm×160 mm	320 mm×160 mm	320 mm×160 mm
Unit Composition	Unit module composition (W × H)	2×6	3×6	3×6	3×6	3×6	3×6
	Unit Resolution (W × H)	208×312	240×240	192×192	168×168	120×120	96×96
	Unit area	0.6144 m ²	0.9216 m ²	0.9216 m ²	0.9216 m ²	0.9216 m ²	0.9216 m ²
	Weight	35 Kg	50 Kg	50 Kg	50 Kg	50 Kg	50 Kg
	Pixel density	105625 dots/m ²	62500 dots/m ²	40000 dots/m ²	30625 dots/m ²	15625 dots/m ²	10000 dots/m ²
	Unit Ratio	2:3	1:1	1:1	1:1	1:1	1:1
	Brightness(nits)	≥ 4500 cd/m ²	≥ 4500 cd/m ²	≥ 4500 cd/m ²	≥ 4500 cd/m ²	≥ 4500 cd/m ²	≥ 4500 cd/m ²
	Color Temperature	3500 K to 9300 K adjustable	3500 K to 9300 K adjustable	3500 K to 9300 K adjustable	3500 K to 9300 K adjustable	3500 K to 9300 K adjustable	3500 K to 9300 K adjustable
Optical Parameters	Viewing Angle	Horizontal 140°, vertical 120°	Horizontal 140°, vertical 120°	Horizontal 140°, vertical 120°	Horizontal 140°, vertical 120°	Horizontal 140°, vertical 120°	Horizontal 140°, vertical 120°
	Luminous point center distance deviation	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%
	Brightness uniformity	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%
	Color uniformity	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy
	Peak Consumption	≤ 800 W/m ²	≤ 1000 W/m ²	≤ 1000 W/m ²	≤ 1000 W/m ²	≤ 1000 W/m ²	≤ 1000 W/m ²
Electrical parameters	Average Consumption	≤300 W/m ²	≤ 300 W/m ²	≤ 300 W/m ²	≤ 300 W/m ²	≤ 300 W/m ²	≤ 300 W/m ²
	Power Supply	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%
	Drive Mode	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving
Processing Performance	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Refresh Rate	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz
	Service life(H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)
General	Temperature(°C)	˚-20-50 °C	˚-20-50 °C	˚-20-50 °C	˚-20-50 °C	˚-20-50 °C	˚-20-50 °C
	Humidity(RH)	10%-80%RH	10%-80%RH	10%-80%RH	10%-80%RH	10%-80%RH	10%-80%RH




Model		DS-D4230F0-CKI	DS-D4240F0-CKI	DS-D4250F0-CKI	DS-D4260F0-CKI	DS-D4280F0-CKI	DS-D42A0F0-CKI
Image							
Module Composition	Pixel structure	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
	Pixel pitch (mm)	3.076 mm	4 mm	5 mm	5.7 mm	8 mm	10 mm
	Module Resolution (W × H)	104×52	80×40	64×32	56×28	40×20	32×16
	Module Dimension (W × H)	320 mm×160 mm	320 mm×160 mm	320 mm×160 mm	320 mm×160 mm	320 mm×160 mm	320 mm×160 mm
Unit Composition	Unit module composition (W × H)	2×6	3×6	3×6	3×6	3×6	3×6
	Unit Resolution (W × H)	208×312	240×240	192×192	168×168	120×120	96×96
	Unit area	0.6144 m ²	0.9216 m ²	0.9216 m ²	0.9216 m ²	0.9216 m ²	0.9216 m ²
	Weight	35 Kg	50 Kg	50 Kg	50 Kg	50 Kg	50 Kg
	Pixel density	105625 dots/m ²	62500 dots/m ²	40000 dots/m ²	30625 dots/m ²	15625 dots/m ²	10000 dots/m ²
	Unit Ratio	2:3	1:1	1:1	1:1	1:1	1:1
	Brightness(nits)	≥ 4500 cd/m ²	≥ 4500 cd/m ²	≥ 4500 cd/m ²	≥ 4500 cd/m ²	≥ 4500 cd/m ²	≥ 4500 cd/m ²
Optical Parameters	Color Temperature	3500 K to 9300 K adjustable	3500 K to 9300 K adjustable	3500 K to 9300 K adjustable	3500 K to 9300 K adjustable	3500 K to 9300 K adjustable	3500 K to 9300 K adjustable
	Viewing Angle	Horizontal 140°, vertical 120°	Horizontal 140°, vertical 120°	Horizontal 140°, vertical 120°	Horizontal 140°, vertical 120°	Horizontal 140°, vertical 120°	Horizontal 140°, vertical 120°
	Luminous point center distance deviation	< 3%	< 3%	< 3%	< 3%	< 3%	< 3%
	Brightness uniformity	≥97%	≥97%	≥97%	≥97%	≥97%	≥97%
	Color uniformity	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy
	Peak Consumption	≤ 800 W/m ²	≤ 1000 W/m ²	≤ 1000 W/m ²	≤ 1000 W/m ²	≤ 1000 W/m ²	≤ 1000 W/m ²
Electrical parameters	Average Consumption	≤300 W/m ²	≤ 300 W/m ²	≤ 300 W/m ²	≤ 300 W/m ²	≤ 300 W/m ²	≤300 W/m ²
	Power Supply	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%	110 to 240 VAC ± 15%
	Drive Mode	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving
Processing Performance	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Refresh Rate	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz	≥3840Hz
	Service life(H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)	>100,000 (H)
General	Temperature(°C)	-20-50 °C	-20-50 °C	-20-50 °C	-20-50 °C	-20-50 °C	-20-50 °C
	Humidity(RH)	10%-80%RH	10%-80%RH	10%-80%RH	10%-80%RH	10%-80%RH	10%-80%RH

LED Controller





Model	DS-D42C04-H	DS-D42C08-H	DS-D42C16-H	DS-D42C04-N	DS-D42C06-N
Image		 NEW	 NEW	 NEW	 NEW
Video & Audio Input	1-ch DVI, 1-ch HDMI, 1-ch DP	2 × HDMI, 1 × DP, 1 × DVI	2 × HDMI, 1 × DP, 1 × DVI	1 × DVI, 1 x HDMI, 1 x Audio	1 × DVI, 2x HDMI, 2x3G-SDI, 1 x DVI+DVI LOOP, 2 x USB
Video & Audio Output	8ch ports output, 1ch DVI output	1 × HDMI	1 × HDMI	4 *RJ45	6 x RJ45, 1 x DVI
Network Interface	4	8	16	4	6
Control Interface	RJ45 × 1	RJ45 × 1	RJ45 × 1	USB × 1	USB × 2, RJ45 x 1
Max. Load Capacity	3840 x 1080@60Hz or 1920 x 2160@60Hz	5 MP	10 MP	2048 x 1152@60Hz or 1920 x 1200@60Hz	2560 * 1440@60hz
Frame Frequency	60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Refresh Rate	3840 Hz	3840 Hz	3840 HZ	3840 Hz	3840 Hz
Processing Depth	16 bit	8 bit	8 bit	8 bit	8 bit
Grey Level	65535 bits	16 bit	16 bit	16 bit	16 bit
Display Color	281.4 trillion	281 trillion	281 trillion	281 trillion	281 trillion
Brightness Control	Automatic/manual	1 to 10 levels adjustable (gradual white balance)	1 to 10 levels adjustable (gradual white balance)	Automatic/manual	Automatic/manual
Average Consumption	20 W	13.3 W	13.3 W	16 W	65 W
Input Voltage	100-240 VAC	100-240 VAC	100-240 VAC	AC100-240V@50/60HZ	AC100-240V@50/60HZ
Working Temperature	-10 to 45 °C (14 to 113 ° F)	0 ° C to 40 °C (32 °F to 104 °F)	0 ° C to 40 °C (32 °F to 104 °F)	-10 ° C to 45 °C (14 °F to 113 °F)	-10 ° C to 45 °C (14 °F to 113 °F)
Working Humidity	10 to 90%	10% to 80%	10% to 80%	10% to 90%	10% to 90%
Storage Temperature	-20 to 60 ° C [-4 to 140 ° F]	-10 ° C to 60 °C (14 °F to 140 °F)	-10 ° C to 60 °C (14 °F to 140 °F)	-20 ° C to 60 °C [-4 °F to 140 °F]	-20 ° C to 60 ° C [-4 °F to 140 °F]
Storage Humidity	10 to 90%	10% to 80%	10% to 80%	10% to 90%	10% to 90%
Product Dimensions (W × H ×D)	482.6 x 250 x 44.5 mm (19 x 9.8 x 1.8 inch)	442 mm × 249.5 mm × 57 mm (17.40" × 9.82" × 2.24")	442 mm × 249.5 mm × 57 mm (17.40" × 9.82" × 2.24")	428 mm × 250 mm × 44.4 mm (16.85" × 9.84" × 1.75")	483.6 mm × 250.1 mm × 45 mm (19.04" × 9.85" × 1.77")

Network Camera PTZ Dome Camera Panoramic Camera Explosion-Proof & Anti-Corrosion Series NVR Network Storage Center Data Thermal Display Commercial Decoder Video Wall Software Accessories DORI Distance

Creative LED displays

Model		DS-D4412MI-056	DS-D4414MI-067	DS-D4418MI-067
Image				
Module Composition	Pixel structure	SMD Triad LED	SMD Triad LED	SMD Triad LED
	Pixel pitch (mm)	1.25mm	1.499mm	1.875mm
	Module Resolution (W × H)	192(W)×216(H)	160(W)×180(H)	128(W)×144(H)
	Module Dimension (W × H)	240 mm×270 mm	240 mm×270 mm	240 mm×270 mm
Unit Composition	Unit module composition (W × H)	5 X 2	6 X 2	6 X 2
	Unit Resolution (W × H)	384(W)×1080(H)	320(W)×1080(H)	256(W)×864(H)
	Unit area	480(W)×1350(H)	480(W)×1620(H)	480(W)×1620(H)
	Weight	30 kg (66.14 lb.)	30 kg (66.14 lb.)	30 kg (66.14 lb.)
	Pixel density	640000 dots/m ²	444,444 dots/m ²	284,444 dots/m ²
	Brightness(nits)	≥ 500 cd/m ²	≥ 500 cd/m ²	≥ 500 cd/m ²
Optical Parameters	Color Temperature	2000-10000 (K) adjustable	2000-10000 (K) adjustable	2000-10000 (K) adjustable
	Viewing Angle	horizontal 160°, vertical 160°	horizontal 160°, vertical 160°	horizontal 160°, vertical 160°
	Luminous point center distance deviation	< 3%	< 3%	< 3%
	Brightness uniformity	≥97%	≥97%	≥97%
	Color uniformity	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy	≤ ± 0.003 Cx, Cy
	Peak Consumption	800 W	800 W	800 W
Electrical parameters	Average Consumption	230 W	230 W	230 W
	Power Supply	200 to 240 VAC, 50/60 Hz	200 to 240 VAC, 50/60 Hz	200 to 240 VAC, 50/60 Hz
	Drive Mode	Constant current driving 54 scan	Constant current driving 54 scan	Constant current driving 54 scan
Processing Performance	Frame Rate	30-60 Hz	30-60 Hz	30-60 Hz
	Refresh Rate	≥ 3840 Hz	≥ 3840 Hz	≥ 3840 Hz
	Service life(H)	>100,000 (H)	>100,000 (H)	>100,000 (H)
General	Temperature(°C)	- 10 °C to + 45 °C (14 °F to 113 °F)	- 10 °C to + 45 °C (14 °F to 113 °F)	- 10 °C to + 45 °C (14 °F to 113 °F)
	Humidity(RH)	10% to 80%RH (Non-condensing)	10% to 80%RH (Non-condensing)	10% to 80%RH (Non-condensing)

Transparent LED Displays

Model		DS-D4239TI-SLC	DS-D4239TI-SHC	DS-D4439TI-SHC	DS-D4439TI-SLC
Image					
Module Composition	Pixel structure	1R1G1B	1R1G1B	1R1G1B	1R1G1B
	Pixel pitch (mm)	Horizontal: 3.9 mm, Vertical: 7.8 mm	Horizontal: 3.9 mm, Vertical: 7.8 mm	Horizontal: 3.9 mm, Vertical: 7.8 mm	Horizontal: 3.9 mm, Vertical: 7.8 mm
	Module Dimension (W × H)	Different dimensions for flexible splicing: 1 m × 1 m, 1 m × 0.75 m, 0.75 m × 1 m, 0.75 m × 0.75 m, 1 m × 1.25 m, 1.25 m × 1 m	Different dimensions for flexible splicing: 1 m × 1 m, 1 m × 0.75 m, 0.75 m × 1 m, 0.75 m × 0.75 m, 1 m × 1.25 m, 1.25 m × 1 m	Different dimensions for flexible splicing: 1 m × 1 m, 1 m × 0.75 m, 0.75 m × 1 m, 0.75 m × 0.75 m, 1 m × 1.25 m, 1.25 m × 1 m	Different dimensions for flexible splicing: 1 m × 1 m, 1 m × 0.75 m, 0.75 m × 1 m, 0.75 m × 0.75 m, 1 m × 1.25 m, 1.25 m × 1 m
Optical Parameters	Weight	15 kg/m ²	15 kg/m ²	15 kg/m ²	15 kg/m ²
	Pixel density	32768 dot/m ²	32768 dot/m ²	32768 dot/m ²	32768 dot/m ²
	Brightness(nits)	2500 nit	5500 nit (highlight)	2500 nit	5500 nit (highlight)
	Color Temperature	2000K to 10000K adjustable	2000K to 10000K adjustable	2000K to 10000K adjustable	2000K to 10000K adjustable
	Viewing Angle	120° (H)/120° (V)	120° (H)/120° (V)	120° (H)/120° (V)	120° (H)/120° (V)
	Luminous point center distance deviation	< 2%	< 2%	< 2%	< 2%
	Brightness uniformity	≥ 98%	≥ 98%	≥ 98%	≥ 98%
Electrical parameters	Color uniformity	≤ ± 0.001 Cx, Cy	≤ ± 0.001 Cx, Cy	≤ ± 0.001 Cx, Cy	≤ ± 0.001 Cx, Cy
	Peak Consumption	800 W/m ²	800 W/m ²	800 W/m ²	800 W/m ²
	Average Consumption	300 W/m ²	300 W/m ²	300 W/m ²	300 W/m ²
Processing Performance	Power Supply	110 to 220 VAC ± 15%	110 to 220 VAC ± 15%	110 to 220 VAC ± 15%	110 to 220 VAC ± 15%
	Drive Mode	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving
	Frame Rate	60 Hz	60 Hz	60 Hz	60 Hz
General	Refresh Rate	≥ 1920 Hz	≥ 1920 Hz	≥ 1920 Hz	≥ 1920 Hz
	Service life(H)	≥ 80000 H	≥ 80000 H	≥ 80000 H	≥ 80000 H
	Temperature(°C)	-10 °C to 65 °C (14 °C to 149 °C)	-10 °C to 65 °C (14 °C to 149 °C)	-10 °C to 65 °C (14 °C to 149 °C)	-10 °C to 65 °C (14 °C to 149 °C)
	Humidity(RH)	10% to 90%	10% to 90%	10% to 90%	10% to 90%

Network Camera PTZ Dome Camera Panoramic Camera Explosion-Proof & Anti-Corrosion Series NVR Network Storage Data Center Thermal Commercial Display Decoder Video Wall Controller Software Accessories DORI Distance





Interactive Flat Panel

Smarter Touch, Smarter Communication

- > UHD 4K resolution
- > Anti-glare and anti-collision tempered glass protection
- > 20-Point touch control and smooth writing experience
- > Built-in Camera and Microphone
- > On-screen annotations with built-in whiteboard software
- > Wireless projection
- > Built-in Android OS, OPS optional



Model	DS-D5B55RB/A	DS-D5B65RB/A	DS-D5B75RB/A	DS-D5B86RB/A	
Image					
Display	Diagonal Size	55 inch LED Backlight	65 inch LED Backlight	75 inch LED Backlight	86 inch LED Backlight
	Backlight	DLED	DLED	DLED	DLED
	Panel	LCD	LCD	LCD	LCD
	Resolution	3840 × 2160 @60 Hz	3840 × 2160 @60 Hz	3840 × 2160 @60 Hz	3840 × 2160 @60 Hz
	Color	10 bit	10 bit	10 bit	10 bit
	Visual Angle	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)
	Response Time	6 ms	6 ms	6 ms	6 ms
	Contrast	4500: 1(Typ.)	1200: 1(Typ.)	1200: 1(Typ.)	1200: 1(Typ.)
	Brightness	350 cd/m ²	350 cd/m ²	350 cd/m ²	350 cd/m ²
	Dot Pitch (H×V)	0.105(H) × 0.315(V) mm	0.124(H) × 0.372(V) mm	0.143(H) × 0.430(V) mm	0.164(H) × 0.493(V) mm
Interface	Input Interface	HDMI IN × 2, MAX 4K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @ 60 Hz, LINE IN × 1
	Output Interface	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1
	Control Interface	RS-232 × 1	RS-232 × 1	RS-232 × 1	RS-232 × 1
Power	Power Consumption	< 200 W (full load)	< 250 W (full load)	< 300 W (full load)	< 420 W (full load)
	Power Requirement	0.5 W	0.5 W	0.5 W	0.5 W
Working Environment	Operating Temperature	0 °C-40 °C	0 °C-40 °C	0 °C-40 °C	0 °C-40 °C
	Operating Humidity	10%-90% RH	10%-90% RH	10%-90% RH	10%-90% RH
General	Dimension (W×H×D)	1266 × 764 × 57 mm	1507 × 905 × 86 mm	1718 × 1021 × 87.5 mm	1963 × 1159 × 87.5 mm

Model		DS-D5B55RB/B	DS-D5B65RB/B	DS-D5B75RB/B	DS-D5B86RB/B
Image					
Display	Diagonal Size	55 inch LED Backlight	65 inch LED Backlight	75 inch LED Backlight	86 inch LED Backlight
	Backlight	DLED	DLED	DLED	DLED
	Panel	LCD	LCD	LCD	LCD
	Resolution	3840 × 2160 @60 Hz	3840 × 2160 @60 Hz	3840 × 2160 @60 Hz	3840 × 2160 @60 Hz
	Color	10 bit	10 bit	10 bit	10 bit
	Visual Angle	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)
	Response Time	6 ms	6 ms	6 ms	6 ms
	Contrast	4500: 1(Typ.)	1200: 1(Typ.)	1200: 1(Typ.)	1200: 1(Typ.)
	Brightness	350 cd/m ²	350 cd/m ²	350 cd/m ²	350 cd/m ²
	Dot Pitch (H×V)	0.105(H) × 0.315(V) mm	0.124(H) × 0.372(V) mm	0.143(H) × 0.430(V) mm	0.164(H) × 0.493(V) mm
Interface	Input Interface	HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1
	Output Interface	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1
	Control Interface	RS-232 × 1	RS-232 × 1	RS-232 × 1	RS-232 × 1
Power	Power Consumption	< 250 W (full load)	< 250 W (full load)	< 300 W (full load)	< 420 W (full load)
	Power Requirement	0.5 W	0.5 W	0.5 W	0.5 W
Working Environment	Operating Temperature	0 °C-40 °C	0 °C-40 °C	0 °C-40 °C	0 °C-40 °C
	Operating Humidity	10%-90% RH	10%-90% RH	10%-90% RH	10%-90% RH
General	Dimension (W×H×D)	1266 × 789 × 83 mm	1507 × 930 × 86 mm	1718× 1021 × 87.5 mm	1963× 1159 × 87.5 mm

Digital Signage

Diversified Advertisement Media Player

- › 4K Display
- › External signal inputs
- › Flexible and efficient advisement display and management
- › Ready-to-go design templates
- › Cross-network management
- › Environmentally-friendly “green” advertising
- › Multiple applications to suit various business scenarios



Model	DS-D6032FN-B	DS-D6043FL-B/S	DS-D6055FL-B/S	DS-D60C-B	DS-D6043UN-B	DS-D6055UN-B	
Image							
Display	Screen Size	32 inch	42.5 inch	54.5 inch	-	43 inch	55 inch
	Screen Active Zone	"698.4 (H) x 392.85 (V) mm (27.50 x 15.47 inch)"	529.25 (H) x 940.90 (V) mm (20.84 x 37.04 inch)	1209.6 (H) x 680.4 (V) mm (47.6 x 26.8 inch)	-	941.184 (H) mm x 529.416 (V) mm	1209.6 (H) mm x 680.4 (V) mm
	Backlight	ELED backlight	LED backlight	LED backlight	-	D-LED	D-LED
	Pixel Pitch	0.36375 mm x 0.36375 mm	0.163 x 0.490 mm	0.21 x 0.63 mm	-	0.2451 (H) mm x 0.2451 (W) mm	0.315 (H) mm x 0.315 (V) mm
	Resolution	1920 x 1080@60 Hz	1920 x 1080 @ 60 Hz	1920 x 1080 @ 60 Hz	1920 x 1080p @ 30 Hz, 1920 x 1080p @ 50 Hz, 1920 x 1080p @ 60 Hz, 1280 x 720p @ 30 Hz, 1280 x 720p @ 50 Hz, 1280 x 720p @ 60 Hz, 3840 x 2160p @ 30 Hz, 3840 x 2160p @ 50 Hz, 3840 x 2160p @ 50 Hz (YCbCr420), 3840 x 2160p @ 60 Hz, 3840 x 2160p @ 50 Hz (YCbCr420)	3840 x 2160	3840 x 2160
	Brightness	350 cd/m ²	450 cd/m ²	450 cd/m ²	-	500 cd/m ²	500 cd/m ²
	Visual Angle	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	-	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°
	Color Depth	8 bit	8 bit	8 bit	-	10 bit (8bit+FRC)	10 bit, 1.07B
	Contrast	4000:1	1200:1	3500 : 1	-	1200:1	4000:01:00
	Response Time	6.5 ms	8 ms	6.5 ms	-	8 ms	8 ms
	Refresh Rate	60 Hz	60 Hz	60 Hz	-	60 Hz	60 Hz
Color Gamut	72% NTSC	72% NTSC	72% NTSC	-	72% NTSC	72% NTSC	
Built-in System	CPU	Cortex-A17, 4-core, 1.6 GHz	Cortex-A17, 4-core, 1.8 GHz	Cortex-A17, 4-core, 1.8 GHz	4-core Cortex-A17	Cortex-A17, 4-core, 1.6 GHz	Cortex-A17, 4-core, 1.6 GHz
	Memory	2 GB	2 GB	2 GB	2 GB	2 GB	2 GB
	SD Card	16 GB EMMC, TF 32 GB	8 GB EMMC, TF 32 GB, Max. 128 GB	8 GB EMMC, 32 GB TF Card	8 GB EMMC, 32 GB TF Card	--	16 GB EMMC, TF 32 GB
Interface	Video & Audio Output	1 x AUDIO 2 x Built-in loudspeakers	1 x AUDIO 2 x Built-in loudspeakers	1 x AUDIO 2 x Built-in loudspeakers	1 x AUDIO 1 x HDMI	LINE OUT x 1	AUDIO OUT x 1, 5W Speaker x 2
	Network Interface	1 x LAN, Wi-Fi	1 x LAN, Wi-Fi	1 x LAN, Wi-Fi	1 x LAN	1 x LAN, Wi-Fi	1 x LAN, Wi-Fi
	Data Transmission Interface	USB 2.0 x 2, TF Card x 1, BT 4.0 x 1	2 x USB, 1 x TF Card	2 x USB, 1 x TF Card	2 x USB 2.0 interface	USB2.0 x 2, BT x 1	USB 2.0 x 2, TF Card x 1, BT 4.0 x 1
General	Power	100 to 240 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz	12 VAC, 2 A	100 to 240 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz
	Power Consumption	≤ 75 W	≤ 150 W	≤ 150 W	≤ 20 W	≤ 110 W	≤ 200 W
	Standby Consumption	≤ 0.5 W	≤ 10 W	≤ 10 W	≤ 1 W	≤ 0.5 W	≤ 0.5 W
	Working Temperature	0 °C to 40 °C [32 °F to 104 °F]	0 °C to 40 °C [32 °F to 104 °F]	0 °C to 40 °C [32 °F to 104 °F]	0 °C to 50 °C [32 °F to 122 °F]	0 °C to 40 °C [32 °F to 104 °F]	0 °C to 40 °C [32 °F to 104 °F]
	Working Humidity	10% to 80% RH	10% to 90% RH	0% to 90%	10% to 90%	10% to 80% RH (Condensation)	10% to 80% RH
	Product Dimensions	723.24 (H) mm x 423.25 (V) mm x 61.5 (D) mm	589.74 x 1717 x 55 mm	740.78 x 1878.2 x 55 mm	145 x 145 x 31.89 mm	967.18 mm x 555.42 mm x 72.44 mm	1237.2 mm x 708 mm x 83.44 mm
	Packing Dimensions	898 mm x 152 mm x 544 mm	765 x 1935 x 303 mm	916 x 2100 x 303 mm	188 x 176 x 101 mm	1172 mm x 703 mm x 192 mm	1403 mm x 856 mm x 217 mm
Weight	Net weight: 5.90 Kg [13.01 lb] Gross weight: 9.13 kg [20.13 lb.]	Net weight: 48.46 kg [106.84 lb.] Gross weight: 63.46 kg [139.91 lb.]	Net weight: 66.190 kg [145.92 lb.] Gross weight: 81.190 kg [178.99 lb.]	Net weight: 0.6 kg [1.3 lb.] Rough weight: 0.65 kg [1.4 lb.]	Net weight: 11.39 kg [25.11 lb.] Gross weight: 14.75 kg [35.52 lb.]	Net weight: 19.2 kg [42.33 lb.] Gross weight: 24.53 kg [54.08 lb.]	

Network Camera
PTZ Dome Camera
Panoramic Camera
Explosion-Proof & Anti-Corrosion Series
NVR
Network Storage
Data Center
Thermal
Commercial Display
Decoder
Video Wall Controller
Software
Accessories
DORI Distance

Decoder



Decoder

Dynamic and Secure Video Stream

- › Multiple output interfaces
- › Supports various video compression formats
- › Decoding capability up to 128-ch 1080p
- › Supports splicing, cross-window, division, and roaming modes
- › Video wall controlling up to 16 screens



Model	DS-6901UDI	DS-6904UDI(B)	DS-6908UDI(B)	DS-6910UDI(B)	DS-6912UDI(B)	DS-6916UDI(B)
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Video Stream Format Supported	H.265+/H.265, H.264+/H.264, Hik264, MPEG4 and MJPEG	H.265+/H.265, H.264+/H.264, Hik264, MPEG4 and MJPEG	H.265+/H.265, H.264+/H.264, Hik264, MPEG4 and MJPEG	H.265+/H.265, H.264+/H.264, Hik264, MPEG4 and MJPEG	H.265+/H.265, H.264+/H.264, Hik264, MPEG4 and MJPEG	H.265+/H.265, H.264+/H.264, Hik264, MPEG4 and MJPEG
Audio Stream Format Supported	G.722, G711A, G726, G711U, MPEG2-L2, and AAC	G.722, G711A, G726, G711U, MPEG2-L2, and AAC	G.722, G711A, G726, G711U, MPEG2-L2, and AAC	G.722, G711A, G726, G711U, MPEG2-L2, and AAC	G.722, G711A, G726, G711U, MPEG2-L2, and AAC	G.722, G711A, G726, G711U, MPEG2-L2, and AAC
Decoding Capability	12 MP @ 20 fps: 2-ch 8 MP @ 30 fps: 4-ch 5 MP @ 30 fps: 6-ch 3 MP @ 30 fps: 10-ch 1080p @ 30 fps: 16-ch	12 MP @ 20 fps: 4-ch 8 MP @ 30 fps: 8-ch 5 MP @ 30 fps: 12-ch 3 MP @ 30 fps: 20-ch 1080p: 36-ch 720p: 72-ch	12 MP @ 20 fps: 8-ch 8 MP @ 30 fps: 16-ch 5 MP @ 30 fps: 24-ch 3 MP @ 30 fps: 40-ch 1080p @ 30 fps: 64-ch	12 MP @ 20 fps: 10-ch 8 MP @ 30 fps: 20-ch 5 MP @ 30 fps: 30-ch 3 MP @ 30 fps: 50-ch 1080p @ 30 fps: 80-ch	12 MP @ 20 fps: 12-ch 8 MP @ 30 fps: 24-ch 5 MP @ 30 fps: 36-ch 3 MP @ 30 fps: 60-ch 1080p @ 30 fps: 96-ch	12 MP @ 20 fps: 16-ch 8 MP @ 30 fps: 32-ch 5 MP @ 30 fps: 48-ch 3 MP @ 30 fps: 80-ch 1080p @ 30 fps / 3 Mbps: 128-ch
Split Screen	1/4/6/8/9/12/16	1/2/4/6/8/9/12/16/25/36	1/4/6/8/9/12/16/25/36	1/4/6/8/9/12/16/25/36	1/4/6/8/9/12/16/25/36	1/4/6/8/9/12/16/25/36
VGA Output	1080p: 1920 × 1080 @ 50/60 Hz WSXGA: 1680 × 1050 @ 60 Hz SXGA: 1280 × 1024 @ 60 Hz 720p: 1280 × 720 @ 50/60 Hz	-	-	-	-	-
BNC Output	1-ch	-	-	-	-	-
HDMI Output	PAL: 704 × 576, NTSC: 704 × 480	PAL: 704 × 576, NTSC: 704 × 480	PAL: 704 × 576, NTSC: 704 × 480	PAL: 704 × 576, NTSC: 704 × 480	PAL: 704 × 576, NTSC: 704 × 480	PAL: 704 × 576, NTSC: 704 × 480
	1-ch	2-ch, 1-ch DB15	4-ch, 1-ch DB15	5-ch, 2-ch DB15	6-ch, 2-ch DB15	8-ch, 2-ch DB15
	4K: 3840 × 2160@30 Hz (only for odd interface), 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz					
	1-ch	4-ch	8-ch	10-ch	12-ch	16-ch
Video Input	VGA, DVI-I: 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz	4K: 3840 × 2160@30 Hz (only for HDMI), 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz	VGA, DVI-I: 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz	VGA, DVI-I: 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz	VGA, DVI-I: 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz	VGA, DVI-I: 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz
	HDMI × 1, VGA × 1, BNC × 1	1-ch, HDMI connector; 1-ch, DVI-I connector	1-ch, VGA connector; 1-ch, DVI-I connector	1-ch, VGA connector; 1-ch, DVI-I connector	1-ch, VGA connector; 1-ch, DVI-I connector	1-ch, VGA connector; 1-ch, DVI-I connector
CVBS Output	-	-	-	-	-	-
Audio Output	1-ch	4 (DB15 × 1)	8 (DB15 × 1)	10 (DB15 × 2)	12 (DB15 × 2)	16 (DB15 × 2)
Network Interface	1 (10/100/1000 Mbps self-adaptive Ethernet interface)	RJ45 interface × 1, 10/100/1000 Mbps adaptive Optic interface × 1, 100 base-FX/1000 base-X An RJ45 interface and an optic interface form a combo.	RJ45 interface × 2, 10/100/1000 Mbps adaptive Optic interface × 2, 100 base-FX/1000 base-X An RJ45 interface and an optic interface form a combo.	RJ45 interface × 2, 10/100/1000 Mbps adaptive Optic interface × 2, 100 base-FX/1000 base-X An RJ45 interface and an optic interface form a combo.	RJ45 interface × 2, 10/100/1000 Mbps adaptive Optic interface × 2, 100 base-FX/1000 base-X An RJ45 interface and an optic interface form a combo.	RJ45 interface × 2, 10/100/1000 Mbps adaptive Optic interface × 2, 100 base-FX/1000 base-X An RJ45 interface and an optic interface form a combo.
Serial Interface	1 RS-232 (RJ45), 1 RS-485	1 RS-232 (RJ45), 1 RS-485	1 RS-232 (RJ45), 1 RS-485	1 RS-232 (RJ45), 1 RS-485	1 RS-232 (RJ45), 1 RS-485	1 RS-232 (RJ45), 1 RS-485
Two-Way Audio In	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)	-	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)
Two-Way Audio Out	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)	-	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)
Alarm In	8	-	8	8	8	8
Alarm Out	8	-	8	8	8	8
Dimensions (W×D×H)	220 mm × 148 mm × 45 mm (8.66 inch × 5.83 inch × 1.77 inch)	440 mm × 320.8 mm × 44.5 mm (17.32 inch × 12.63 inch × 1.75 inch)	440 mm × 320.8 mm × 44.5 mm (17.32 inch × 12.63 inch × 1.75 inch)	440 mm × 321 mm × 88 mm (17.32 inch × 12.64 inch × 3.46 inch)	440 mm × 321 mm × 88 mm (17.32 inch × 12.64 inch × 3.46 inch)	440 mm × 321 mm × 88 mm (17.32 inch × 12.64 inch × 3.46 inch)

Video Wall Controller





Video Wall Controller

All You Need to See, All the Time

- > A signal source can be displayed on M × N (M ≥ 1, N ≥ 1) display units
- > Multiple signal input sources: VGA, DVI, HDMI, YpbPr, DP
- > Built-in matrix, one signal displays on multiple windows
- > Window division, splicing, roaming, cross-window
- > Supports 1/4/9/16 window division modes and full-screen window switching



DS-C10S-T Series

Model		DS-C10S-S11T	DS-C10S-S22T
Image			
Hardware	Slot Number	11 (6 × Input, 5 × Output)	22 (12 × Input, 10 × Output)
Motherboard (DS-C10SMSUT)	Network Interface	One 10M/100M/1000M self-adaptive Ethernet interface	
	USB Interface	1 × USB 2.0 (Reserved)	
	RS-232 Serial Interface	2	
Network Decoding Board (DS-C10S-SIUT)	Decoding Performance	Resolution: 2-ch @ 8 MP (low frame rate) or 2-ch @ 6 MP or 2-ch @ 5 MP or 8-ch @ 1080p or 16-ch @ 720p, or 32-ch @ D1 Format: H.265, H.264, Mpeg4, etc.	
	Interface	4 × DVI interface	
DVI Input Board (DS-C10S-DI4T)	DVI Input Resolution	Custom resolution, 720p @ 50 Hz, 720p @ 60 Hz, 1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1280 × 1024 @ 60 Hz, 1280 × 1024 @ 75 Hz, 1366 × 768 @ 60 Hz, 1400 × 1050 @ 60 Hz, 1080p @ 50 Hz, 1080p @ 60 Hz, UXGA @ 60 Hz, 1920 × 1200 @ 60 Hz	
	Interface	4 × VGA interface	
VGA Input Board (DS-C10S-VI4T)	RGB Input Resolution	720p @ 60 Hz, 1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1280 × 1024 @ 60 Hz, 1280 × 1024 @ 75 Hz, 1366 × 768 @ 60 Hz, 1400 × 1050 @ 60 Hz, 1080p @ 60 Hz, UXGA @ 60 Hz, 1920 × 1200 @ 60 Hz The VGA to DVI adaptor is required for VGA input.	
	Interface	4 × HDMI interface	
HDMI Input Board (DS-C10S-HI4T)	DVI Input Resolution	Custom resolution, 1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1280 × 720 @ 50 Hz, 1280 × 720 @ 60 Hz, 1280 × 1024 @ 60 Hz, 1280 × 1024 @ 75 Hz, 1366 × 768 @ 60 Hz, 1400 × 1050 @ 60 Hz, 1600 × 1200 @ 60 Hz, 1920 × 1080 @ 50 Hz, 1920 × 1080 @ 60 Hz, 1920 × 1200 @ 60 Hz, 3840 × 2160 @ 30 Hz, Only No. 1 and 3 interfaces support 3840 × 2160 @ 30 Hz	
	Input	4 × YPBPr interface	
YPbPr Input Board (DS-C10S-YI4T)	DVI Input Resolution	576p50, 480p60, 720p50, 720p60, 1080p50, 1080p60 The DVI to YPBPr adaptor is required for YPBPr input.	
	Interface	4 × DP interface	
DP Input Board (DS-C10S-DPI4T)	DP Input Resolution	Custom resolution, 1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1280 × 720 @ 50 Hz, 1280 × 720 @ 60 Hz, 1280 × 1024 @ 60 Hz, 1280 × 1024 @ 75 Hz, 1366 × 768 @ 60 Hz, 1400 × 1050 @ 60 Hz, 1600 × 1200 @ 60 Hz, 1920 × 1080 @ 50 Hz, 1920 × 1080 @ 60 Hz, 1920 × 1200 @ 60 Hz, 3840 × 2160 @ 30 Hz, Only No. 1 and 3 interfaces support 3840 × 2160 @ 30 Hz	
	Interface	4 × DVI interface	
DVI Output Board (DS-C10S-DO4T)	DVI Output Resolution	1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1366 × 768 @ 60 Hz, 1400 × 1050 @ 60 Hz, 1920 × 1200 @ 60 Hz, 720p @ 60 Hz, 1080p @ 60 Hz	
	Interface	4 × VGA interface	
VGA Output Board (DS-C10S-VO4T)	VGA Output Resolution	1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1366 × 768 @ 60 Hz, 1400 × 1050 @ 60 Hz, 1920 × 1200 @ 60 Hz, 720p @ 60 Hz, 1080p @ 60 Hz The DVI to VGA adaptor is required for VGA output.	
	Interface	4 × HDMI interface	
HDMI Output Board (DS-C10S-HO4T)	HDMI Output Resolution	1024 × 768 @ 60 Hz, 1024 × 768 @ 75 Hz, 1366 × 768 @ 60 Hz, 1400 × 1050 @ 60 Hz, 1920 × 1200 @ 60 Hz, 720p @ 60 Hz, 1080p @ 60 Hz	
	Power Supply	100 to 240 VAC, 50 or 60 Hz A built-in power supply	Built-in redundant power supply
Others	Consumption	≤ 250 W [full-loaded]	
	Working Temperature	+0° C to +50° C [+32° F to +122° F]	
	Working Humidity	10% to 90% [non-condensing]	
	Chassis	Standard 4U chassis	Standard 8U chassis
	Dimension	352 × 177 × 442.4 mm [13.9 × 7 × 17.4 inch]	352 × 354 × 442.4 mm [13.9 × 13.9 × 17.4 inch]
	Weight	≤ 20 kg [full-loaded]	

Software

- 135** HikCentral Professional
- 137** HikCentral Enterprise–Retail
- 139** HikCentral Enterprise–Industrial
- 141** HikCentral Enterprise–Education
- 143** HikCentral Enterprise–ClassIn
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- 145** HikCentral iVisual–UIPower
- 147** HikCentral–Workstation
- 151** HikCentral–Storage

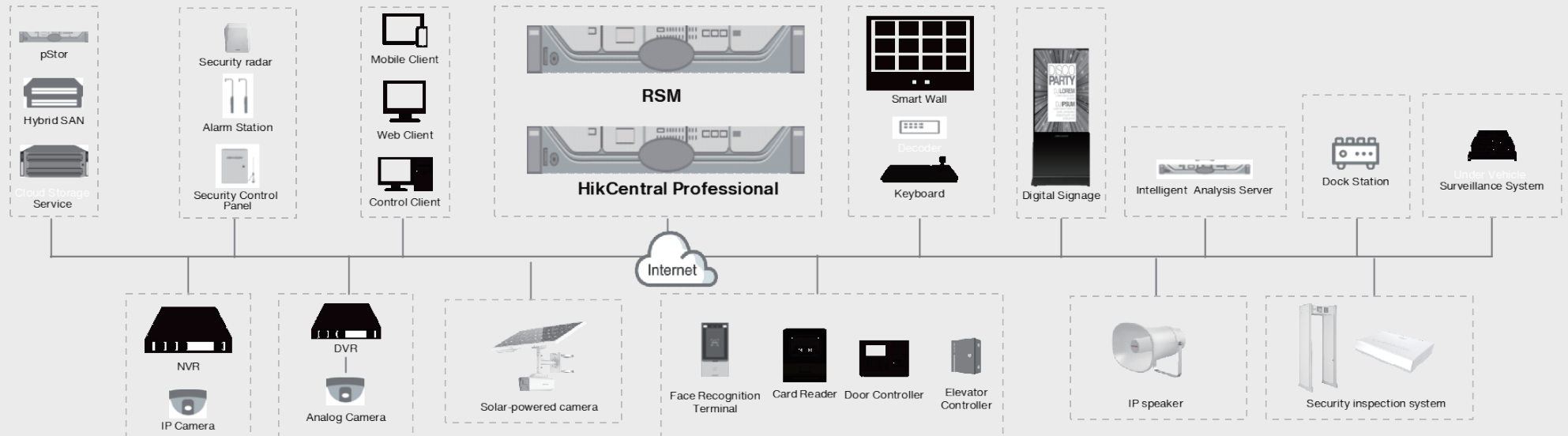


HikCentral Professional

Versatile Security in One Platform

HikCentral Professional, Hikvision's software platform for integrating and managing security systems, is designed to meet a variety of security challenges in one place. With this advanced platform, users can manage individual systems such as video security, access control, security alarms, and more, as well as explore cross-system functionalities. While facilitating protection of people and property, HikCentral Professional makes daily operations more efficient and helps users of all kinds make smarter decisions.

- **Simplifies Deployment and Maintenance** – With a minimum system requirement of Intel i3 CPU and 8 GB RAM, you can have your own security platform deployed with limited hardware cost. Moreover, maintenance of the whole system is much easier with visualized health monitoring in real time.
- **Facilitates Hassle-free Integration** – Through an open architecture design and a series of highly adaptive OpenAPI interfaces, you will enjoy hassle-free integration with a wide range of third-party systems such as ARC and payroll systems.
- **Streamlines Operations and Management** – With situational awareness powered by informative dashboards and interactive E-maps, optimal approaches advised by operation wizards, and the flexibility of a user-defined control panel, you will make smarter decisions fluidly and efficiently.
- **Scales as Business Grows** – By virtue of a flexible and scalable architecture, the platform can be scaled as your business needs evolve. You can expand it from a small 32-channel, 8-door system to an ultra-large-scale system that links up to 100,000 channels of equipment (under the RSM mode).



Software	
System Architecture	Server / Web Client / PC Client / Mobile APP
OS	Microsoft® Windows 7 SP1 (64-bit) Microsoft® Windows 8.1 (64-bit) Microsoft® Windows 10 (64-bit) Microsoft® Windows Server 2008 R2 SP1 / 2012 / 2012 R2 / 2016 / 2019 (64-bit)
Browser	Internet Explorer 10/11 and above
	Chrome 61 and above
	Firefox 57 and above
	Safari 11 and above (running on Mac OS X 10.3/10.4)
Database	PostgreSQL V11.8
Supported Language	29 languages:English, 简体中文 (Simplified Chinese),Русский(Russian),Български (Bulgarian),Magyar(Hungarian),Deutsch(German),Italiano (Italian),Čeština (Czech),Français (French),Polski (Polish),Nederlands (Dutch),Português (Portuguese),Español (Spanish),Dansk (Danish),Suomi(Finnish),Türkçe(Turkish),한국어 (Korean),繁體中文 (Traditional Chinese),ภาษาไทย (Thai),Tiếng Việt(Vietnamese),日本語 (Japanese),العربية (Arabic),Українська(Ukrainian),עברית (Hebrew),Srpski (Serbian), Bahasa Malaysia (Malaysia), Português (Brasil) (Brazilian Portuguese), Svenska (Swedish)
Hardware	
CPU	Intel® Core™ i5-4590 @ 3.30 GHz
Memory	8 GB
HDD	At least 650 GB

HikCentral Professional Maximum Performance		
General	Managed Devices	General Performance: 1,024①
		High Performance: 2,048②
Users and Roles	Areas	3,000
	Users	3,000
	Roles	3,000
Person	Persons	50,000
	Cards	250,000
	Fingerprints	100,000
	Profiles	50,000
Video Security	Cameras	General Performance: 3,000①
		High Performance: 10,000②
		High Performance (RSM): 100,000
	Decoding Devices	32
Face Comparison	Smart Walls	32
	Persons with Profiles for Face Comparison	1,000,000
	Face Comparison Groups	64
Access Control	Access Points (Doors + Floors)	1,024
	Access Schedules	32
Visitor	Visitors	20,000
	Shift Schedules	128
Time & Attendance	Persons for Time and Attendance	10,000
	Attendance Reports	16
	Parking Lots	10
Vehicle and Parking	Parking Spaces	Total: 3,000 In One Floor: 1,024
	Lanes	Total: 40 In One Parking Lot: 32
	Cards Linked with Vehicles	250,000
	Vehicles	500,000
	Vehicle Passing Frequency in Each Lane	1 Vehicle/s
Alarm	Alarms	60 million
	Alarms Sent to All Clients	120/s
	Analyzers	General Performance①: 32
Security Inspection	-	High Performance②: 64
	Walk-Through Metal Detectors	General Performance①: 64
	-	High Performance②: 128
	Security Inspection Channels	General Performance①: 500
	-	High Performance②: 1,000

①: The general performance requires Intel® Xeon® E3-1220 or higher.
 ②: The high performance requires Intel® Xeon® E5-2620 or higher.

HikCentral Enterprise-Retail

Platform Solution for Retail Business Intelligence

HikCentral Enterprise- Retail is a centralized and intelligent platform that combines reliable video surveillance functionality with intelligent application, helping retailers improve in-store service and increase store profits. HikCentral Enterprise-Retail is suitable for small or middle-sized chain stores, which increases the effectiveness and efficiency. It provides operation management, operation analytics, audit and rating, integrated control, video security, alarm detection and maintenance applications to meet the requirements of retailers who need a boost in operations, management, and more.

- > **Operation Management** - The retail component supports customer and unauthorized-person archive management, searching and viewing store visit records of various types of persons (including customers, regular customers, unauthorized persons, strangers, etc.) , view visitor capture records, visitor comparison records, and search the captured pictures by uploading a picture. And store visit records are also available by mobile.
- > **Customer Traffic Analysis** - The retail component supports multiple customer traffic statistics, such as customer traffic analytics, Walk-In Rate Analytics, Customer Flow Direction Analytics, Customer Expression Analytics. It can exclude clerks and repetitive customers for more accurate customer traffic analytics (based on faces).
- > **Audits and Rating** - Real-time random audits, timed random audits, on-site audits (via E-Store app), image scheduled audits, and video scheduled audits are featured. Users can submit deficiencies found in audits to the audited store for rectification. The deficiency center provides a closed-loop rectification procedure for any issues found in an audit, including rectification, submission of results, and review of the submitted results.



Software	
System Architecture	Server / Web Client / PC Client / Mobile APP
OS for Server	CentOS 7.2 64 bit / CentOS 7.4 64 bit / CentOS 7.6 64 bit
OS for Client	Microsoft® Windows 7 (32/64 bit)
	Microsoft® Windows 10 (64 bit)
Browser	Internet Explorer 11 and above
	Chrome 63.0.3239.108 and above
Supported Language	2 languages: English, 简体中文 (Simplified Chinese) (Ukrainian),(Hebrew)
Hardware	
CPU	CPU: 2.1G, 8C/16T
Memory	64 GB
HDD	HDD: 1T SATA × 4, 3.5" Enterprise SATA 7.2k HDDs
NIC	1GbE * 2

HiKCentral Enterprise-Retail Maximum Performance		
Items	Max Performance	
Operation Management	Stores	500
	Archives	3,000,000 archives, including archives of customers and archives of unauthorized persons.
	Store Visit Notification Time	Within 5s in average for one notification when there are less than 1,000,000 archives; within 10s in average when there are less than 3,000,000 archives.
	Face Pictures Processed Concurrently	100 Pictures/s (Size of Each Picture: 300 KB)
	Event Storage	160,000,000 Events
Face Counting Camera for Customer Traffic (Face)	Counting Groups	3,000
	Cameras per Counting Group	100
	Customer Traffic Retention Period	3 Years
	Counting Groups	5,000
Dual-Lens People Counting Camera for Customer Traffic (Conventional)	Cameras per Counting Group	100
	Traffic Counting Retention Period	5 Years
	Accessed Dual-Lens People Counting Camera	5,000
	Counting Groups	2,500
Walk-In Rate Analytics	Counting Groups per Store	16
	Cameras per Counting Group	4
	Data Storage	2,000,000
	Data Retention Period	3 Years
Customer Flow Direction Analytics	Counting Groups	5,000
	Cameras per Counting Group	100
	Data Retention Period	3 Years
	Queue Management Cameras	3,000
Heat Map	Counting Groups	5,000
	Counting Groups per Store	20
	Cameras per Counting Group	10
	Accessed Fisheye Cameras	500
Customer Expression Analytics	Heat Data Storage	8,000,000
	Heat Data Retention Period	2 Years
	Counting Groups	2,500
	Global Counting Groups per Store	1
Audit and Rating	Local Counting Groups per Store	16
	Cameras per Counting Group	16
	Data Storage	2,000,000
	Data Retention Period	3 Years
Video Security	Rating Categories	20
	Rating Items in a Rating Category	20
	Deficiencies of a Rating Item	20
	Scene	30
Central Storage	Cameras for a Picture Scheduled Audit Task	100
	Channels for Video Surveillance	100,000
	Smart Walls	10
	Decoding Devices	128
Accessories	Screens per Video Wall	25 * 25
	Channels	100,000
Distance	Channels	100000

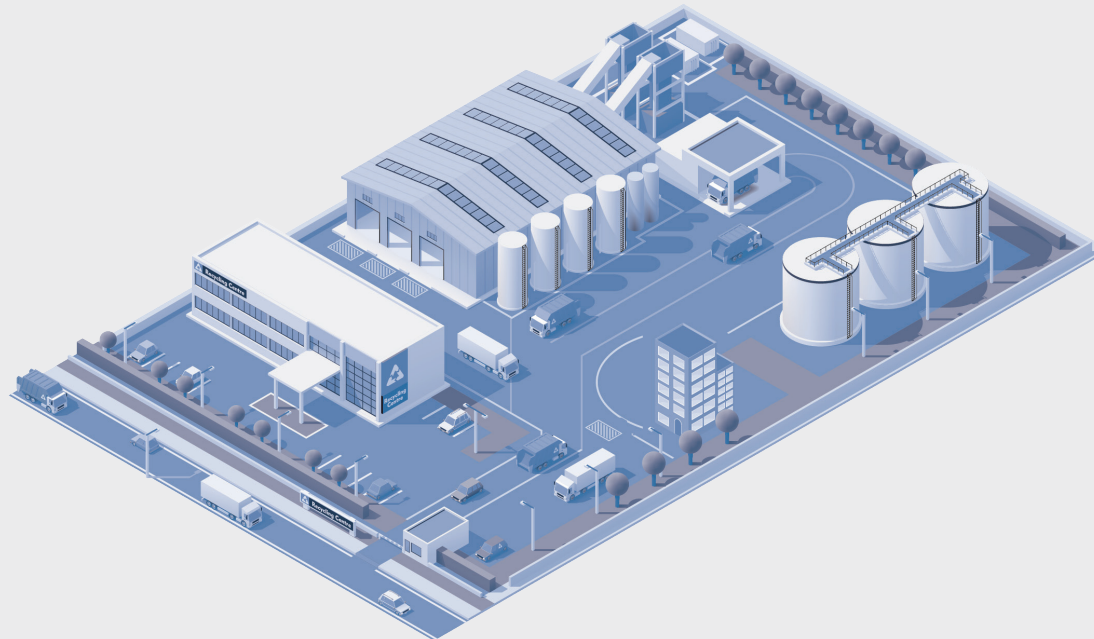
Network Camera PTZ Dome Camera Panoramic Camera Explosion-Proof & Anti-Corrosion Series NVR Network Storage Center Thermal Commercial Display Decoder Video Wall Software Accessories DORI

HikCentral Enterprise-Industrial

All-inclusive Platform Solution for Industrial Parks

HikCentral Enterprise-Industrial is a centralized and intelligent platform integrates and links security information by accessing video security devices, single-card system devices, parking lot devices, alarm system devices, and more, to give you diversified intelligent applications. Based on IoT technology, it integrates technologies such as video monitoring, facial recognition, AI, big data, etc., and combine hardware with software.

- > **Industrial Application** – Goods management, dock management, AR-scenario application, AI-model management, remote patrol, thermal analysis, dashboard – it's all here. This system is suitable for industrial sites of commodities businesses, manufacturing industry, and logistics companies. Based on an “Integrated Software Framework”, HikCentral Enterprise-Industrial will keep satisfying users' quickly updating needs via its advanced componential technology. This system will excel in every industry with its integration and centralized management of various resources.
- > **Access Control** – The integrated system includes access control, elevator control, visitor management, video intercom, patrols, and other functions to help users manage the access permissions of various personnel and formulate patrol tasks.
- > **Vehicle Control** – Entrance and exit management, parking lot management, parking guidance, checkpoint violation management, etc., constitute a vehicle control system so users can build their own parking payment and violation management system.
- > **Base Functionality** - Includes video security, alarm detection and maintenance applications. Video Security modules provides live viewing, playback, smart video walls, and PTZ control, this system helps users complete daily security inspections and monitoring. Alarm detection modules provides intrusion alarm and panic alarm, supports managing and configuring alarm devices, arming/disarming/clearing alarm of the partition, and arm/disarm all the partitions,.etc. In Operation and Maintenance modules, users can check the status of various devices and services in real time, troubleshooting and making repairs in a timely manner wherever and whenever needed.



Software	
System Architecture	Server / Web Client / PC Client / Mobile APP
OS for Server	CentOS 7.2 64 bit / CentOS 7.4 64 bit / CentOS 7.6 64 bit
OS for Client	Microsoft® Windows 7 (32/64 bit)
	Microsoft® Windows 10 (64 bit)
Browser	Internet Explorer 11 and above
	Chrome 73 and later (recommended)
Supported Language	2 languages: English, 简体中文 (Simplified Chinese)
Hardware	
CPU	CPU: 2.1G, 8C/16T, 9.6GT/s
Memory	64 GB
HDD	HDD: 1T SATA × 4, 3.5" Enterprise SATA 7.2k HDDs
NIC	1GbE * 4

HikCentral Enterprise-Industrial Maximum Performance		
	Items	Max Performance
Goods Management	Sorting Center	128 check points per conveyor line, 5000 check points, Scanning records: 300 items per second, Retention Period: 6 Months, Storage: 360,000,000 records
	Loading Center	5000 check points, Scanning records: 300 items per second, Retention Period: 6 Months, Storage: 360,000,000 records
Dock Management	Docks	500 docks, 30 companies, Retention Period: 2 Years
Thermal Analysis	Thermography Rules	170 thermography cameras, 21 thermography rules per camera
AR Scenario Application	Scenes	10000 scenes, 500 tags per scene
Video Security	Channels for Video Security	5000
	Video Walls	10
	Decoding Devices	16
	Screens per Video Wall	25 × 25
	Simultaneous Live View Channels	80
Parking	Vehicles per Day	10000
	Parking Lots	5
	Lanes	20
	Parking Spaces	10000
Campus Checkpoint	Registered Vehicles	30000
	Capture Cameras	30
	Display Screens	30
	Passing Vehicle Records Storage	10,000,000 Records
	Passing Vehicle Records Retention Period	3 Years
	Facial Recognition Servers	5
Facial Surveillance	Face Capture Cameras	100
	DeepinMind NVRs	20
	Face Recognition Schedule Applying Speed	1.6 Faces/s in Average
	Faces	50000
Central Storage	Face Groups	16
	Channels	5000

HikCentral Enterprise-Education

Intelligent Platform Solution for Education

HikCentral Enterprise-Education is an information technology which has been developed for central management of video monitoring and education. It is a platform for collaborative teaching-learning to connect students and educators virtually and ensure uninterrupted learning with screen sharing. It features flexibility, scalability, high reliability, and powerful functions.

- > **Education Application** – This deep vertical application provides education sharing, classroom attendance, and education Digital Signage, school gate Attendance, dorm Attendance. The informatization of education is designed to use information technology to support the use and development of educational resources.
- > **Access Control** – The integrated system includes access control, elevator control, visitor management, video intercom, patrols, and other functions to help users manage the access permissions of various personnel and formulate patrol tasks.
- > **Vehicle Control** – Entrance and exit management, parking lot management, parking guidance, checkpoint violation management, etc., constitute a vehicle control system so users can build their own parking payment and violation management system.
- > **Base Functionality** - Includes video security, alarm detection and maintenance applications. Video Security modules provides live viewing, playback, smart video walls, and PTZ control, this system helps users complete daily security inspections and monitoring. Alarm detection modules provides intrusion alarm and panic alarm, supports managing and configuring alarm devices, arming/disarming/clearing alarm of the partition, and arm/disarm all the partitions,.etc. In Operation and Maintenance modules, users can check the status of various devices and services in real time, troubleshooting and making repairs in a timely manner wherever and whenever needed.



Software	
System Architecture	Server / Web Client / PC Client / Mobile APP
OS for Server	CentOS 7.2 64 bit / CentOS 7.4 64 bit / CentOS 7.6 64 bit
OS for Client	Microsoft® Windows 7 (32/64 bit)
	Microsoft® Windows 10 (64 bit)
Browser	Internet Explorer 11 and above
	Chrome 63.0.3239.108 and above
Supported Language	2 languages: English, 简体中文 (Simplified Chinese) (Ukrainian),(Hebrew)
Hardware	
CPU	CPU: 2.1G, 8C/16T
Memory	64 GB
HDD	HDD: 1T SATA × 2, 3.5" Enterprise SATA 7.2k HDDs
NIC	1GbE * 4

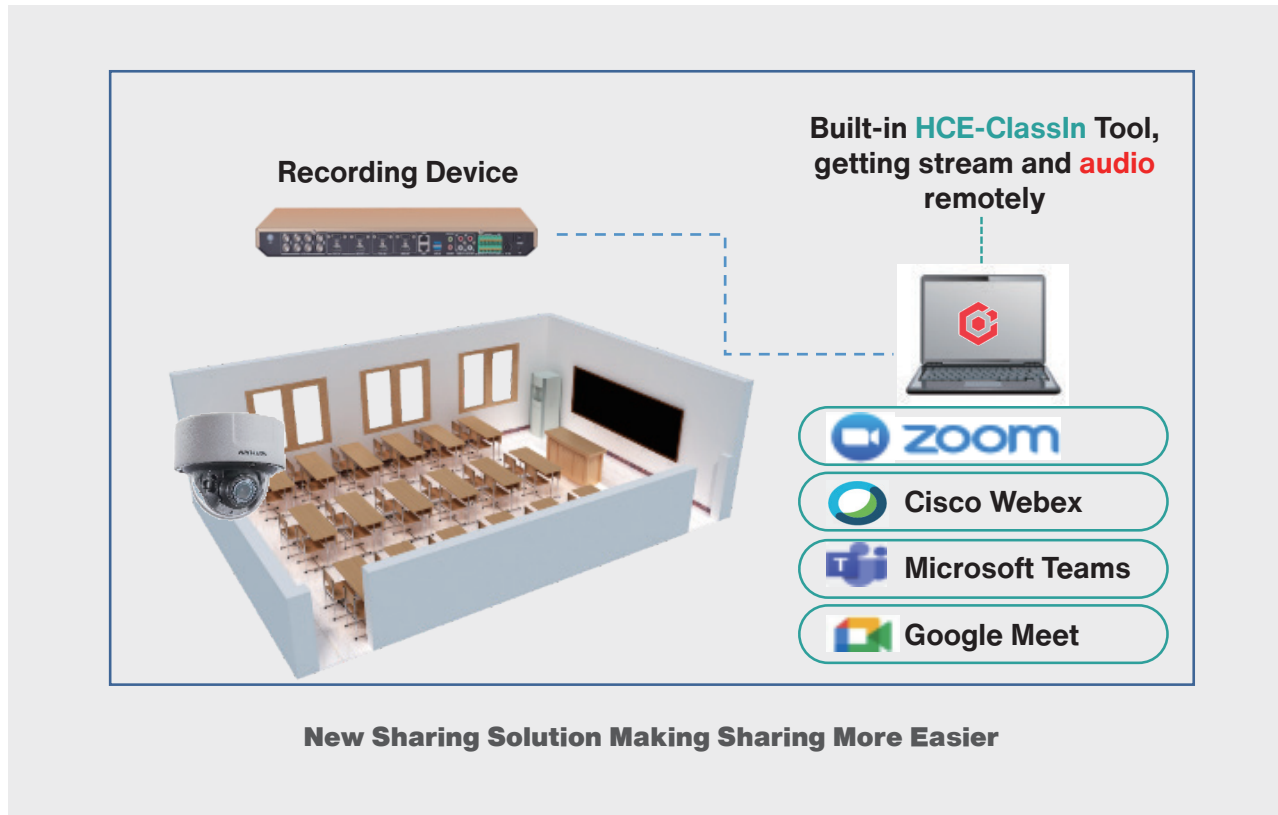
HikCentral Enterprise - Education Maximum Performance		
	Items	Max Performance
Education Application	Classrooms	100
	Teachers and Students	2000
	Education Sharing System	100
	Persons for Viewing Recorded Courses	50
	Persons for Viewing Live Courses	150
	Classroom Information Release Screen	36
	Classroom Attendance Check Camera	36
General	Organizations	50000
	Areas	20000
	Users	200000
	Roles	10000
	Persons	300000
	Cards	300000
Video Security	Channels for Video Surveillance	100000
	Smart Walls	10
	Screens per Video Wall	25 * 25
Event & Alarm	Event Storage	72000000
	Simultaneous Events	300/s
Intrusion	Security Control Panels	100
	Zones	1000
Facial Application	Face Capture Cameras	500
	Faces	300000
	Face Groups	16
	Face Pictures per Face Group	30000
Attendance	People for Attendance	200000
Video Intercom	Residences	10000
	Parking Lots	20
Parking	Lanes	60
	Parking Spaces in Total	10000
	Parking Spaces per Floor	2000
	Registered Vehicles	30000
Campus Checkpoint	Checkpoints	30
	Display Screens	30
Central Storage	Channels	100000

HikCentral Enterprise-ClassIn

Remote Training Solution

Hikvision Remote Training Solution, Hikvision's lightweight remote training solution expands the online training scene to better meet the needs of users

- > **High adaptability** - HikCentral Enterprise-ClassIn software is perfectly compatible with the current popular conference software, without changing customers' usage habits, and perfectly makes up for the butting problem between IP devices of the conference software.
- > **Immersive training experience** - High-definition close-up and panorama of the training site are brought to the remote students, with automatic character tracking and automatic switch between close-up and panorama, which greatly improves the training effect compared with the traditional single teacher's profile picture.
- > **Simple operation** - One click before training, complete all configuration operations within 30 seconds, improving ease of use.



HCE-ClassIn

Item	Recommended Requirements
Operating System	Microsoft® Windows 7, Windows 10 (32-bit and 64-bit)
CPU	More than core 8

HikCentral Enterprise-ClassIn Maximum Performance

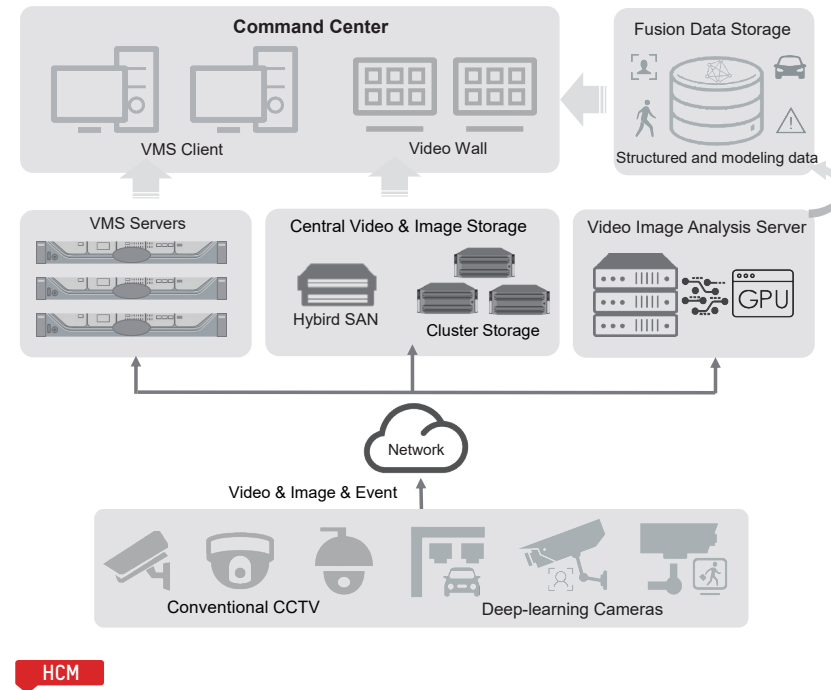
Items		Max Performance
ClassIn	Delay for video streaming access to ZOOM	Within 1 second
	CPU utilization	Between 30% and 40%
	Classroom	Around 200
	Resolutions	More than 640*480

HikCentral Master

Comprehensive Platform Solution with Unlimited Expandability

HikCentral Master is an application platform designed for immense, fail-safe distribution of devices and services across multiple locations. Integrating AI, AR, big data, and other capabilities under the AI-Cloud architecture, HikCentral Master supports a virtually unlimited number of devices, users, and sites to meet a diversity of needs for data storage, analysis, and application.

- > **Intelligent Platform Management** – Supports non-stop installation, parameter configuration, server monitoring, and log analysis. Supports cluster management and authorization management.
- > **Intelligent Applications** – Integrating multiple function and application software, the platform extends its applications from video security to those based on AI algorithms, such as ANPR and facial recognition. This makes the platform applicable to scenarios such as public security and intelligent transportation.
- > **Intelligent Scheduling** – Supports dynamic scheduling of computer resources based on integrated management of computers. Supports accessing multiple types of storage devices and integrates their management. It's compatible with devices from multiple manufacturers and multiple algorithms versions
- > **Open Platform** – Supports integration with third-party infrastructure, data, platforms, and applications based on open standards.
- > **Comprehensive Security Mechanism** – Provides security mechanisms for devices, networks, host computers, data, and applications, and supports multiple security control schemes.
- > **Extensibility and Scalability** – Supports expanding the service capacities such as the maximum number of added devices, streaming storage, events, and data libraries. Increases capacity and stability by distributed deployment.
- > **Multiple Usage Scenarios** – Supports assembling various modules into bespoke platforms based on specific usage scenarios.



What HikCentral Master can do for you ?	
HikCentral Master focuses on data application, data collection, storage, processing, and intelligent applications. It provides data integration, storage and analysis of multidimensional data in the scenario of Edge Domain and Cloud Center, integrated with technologies of Artificial Intelligence and Internet-of-Things (IoT).	
Video Center	Through video inspection, electronic map, video analysis and other technologies, the system can realize video real-time viewing and query, and conduct video map applications and analysis.
Multidimensional Data Fusion	With the functions of fusion search, face search, vehicle search and human body search basing on big data technology, the system can conduct fast query and advanced search on people and vehicles, so as to help users quickly determine personnel and vehicle information.
Intelligent Data Applications	Through AI and big data technology, the system can realize various face tactical functions such as peer analysis, personnel landing, and frequent passing, as well as vehicle tactical functions such as trajectory search, regional collision, and vehicle landing analysis.
Alarm Arming	By target arming and alarm query function, the system can realize arming on the vehicles and people, and configure corresponding alarm rules and linkage rules.
Statistics Center	Through face data statistics, vehicle data statistics, human data statistics and other big data storage and analysis technologies, the system can graphically display the multi-dimensional data friendly.
Video Maintenance and Operation & Management Center	The video maintenance module can achieve intelligent real-time monitoring of the system video running status through cameras online status detection, video content diagnosis and video record inspection. The operation & management center, as an integrator of background services, provides integration capabilities for configuration, logging, and monitoring. It can integrate the component's own monitoring and configuration interface, and provides a single sign-on service for the operation management center.
AR Application	Through AR technology, various images, videos, 3D models, etc. are superimposed on the AR PanoVu camera's view in real time to realize functions such as video labeling, video planning, high-high linkage, high-low linkage, etc., providing a more intuitive and flexible central command and management way.
Mobile Enforcement Application	The application is targeted at users who have administrative law enforcement powers, including public security and traffic police. It provides evidence management, enforcement event management, real-time command and other functions.
Smart Tool	The Smart Tool is a tool collection which contains multiple sub-tools and provides different functions including video playing, video parsing, AI analysis, face detecting and matching, video editing, video converting, picture tagging and comparing, and so on. It is useful and helpful for entities such as police officers to locate a certain suspect whose criminal behavior has been recorded.

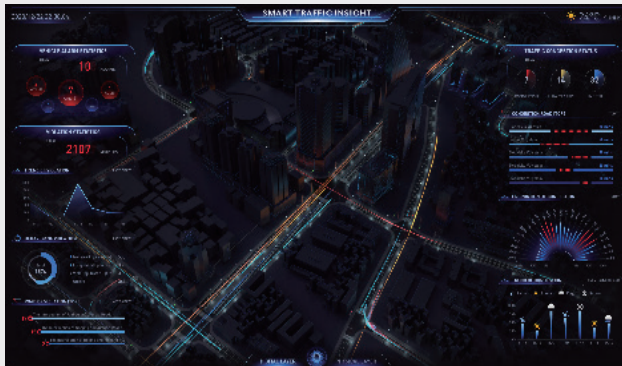
HikCentral iVisual-UIPower

Data visualization fusion platform & InfoCom DataVisual B-visual

The data visualization platform provides rich and cool visualization themes and data visualization design services to help users quickly, efficiently and accurately achieve business data display and assist users in management and decision-making;It provides multi-dimensional data analysis and complex report services as well as multi-perspective and multi-dimensional data analysis capabilities, and provides fast data source configuration.

Data visualization fusion service is a new intelligent data visualization large screen configuration management platform, the platform focuses on the integration of multiple separate visual large screen through configuration, providing powerful configuration functions, including jump mode, rotation mode, composite mode, flexible combination mode. In addition, the platform also supports importing through bee-eye platform sharing, providing rich resources for users to configure.

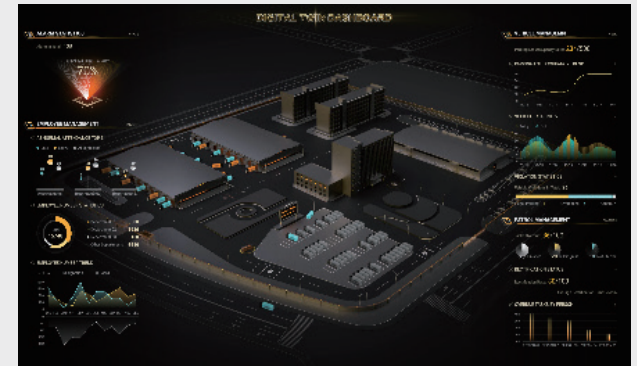
- **Theme Management** - Theme square is for all the released theme effect to display, quick search, and theme hot ranking. My theme is mainly used to manage visual theme template, including theme grouping, theme creation, design, release, improve the efficiency of user visual theme design. The material library is mainly used to manage visual theme design related pictures, videos and other materials, supports to group, upload, replace, delete the material and so on, improve user operation efficiency.
- **Plug-in library** - For the chart and other plug-ins management of the visual theme design, users can according to their own needs to develop the corresponding chart and other plug-ins (such as: map, AR, VR, etc.), through the plug-in integration.
- **Data Source Management** - For operators, it provides data services for visual data display, including databases, REST interfaces, and CSV files.
- **Personal Center** - User personal information management.
- **Theme fusion** - Supports base large screen and fusion large screen. The base large screen is to display all theme effects published on the platform. Fusion large screen is to display the theme effect of the fusion of multiple basic large screens.



Traffic



Education



Industrial

Software	
System Architecture	Server / Web Client / PC Client / Mobile APP
OS for Server	CentOS-7-x86_64-DVD-1810 / CentOS-7.4-hik-r4-patch1 / CentOS-7.6-hik-r5-patch3
Browser	Chrome 65.0.0.0 and above
Supported Language	2 languages: English, 简体中文 (Simplified Chinese) (Ukrainian), (Hebrew)
Hardware	
CPU	Core 6 and above
Memory	16G (Linux) 32G (Recommend)
HDD	sata 120G and above
NIC	Intel 1GbE and above

HikCentral Enterprise - Education Maximum Performance			
	Items	Max Performance	
Overseas data visualization fusion service	System Management	Single user login response time	<2s
		The response time to switch the function module	<2s
		Number of built-in template view resource packs to import	3 ↑ (ocdvs\opdvs\tidashboard)
	Component resource package management	Number of built-in template view resource packs running at the same time	1. Hce:2 (ocdvs\opdvs) 2. Hcm:1 (tidashboard)
		Schema types	Hce/Hcm
		Maximum views	Unlimited
		View search	If a single user queries the data source, the return time ≤3seconds
	View management	Maximum number of views supported in composite views	Unlimited
		The system supports a maximum number of bee-eye views	3
		View LOGO upload size limit	10M
b visual	System Management	Single user login response time	<2s
		The response time to switch the function module	<2s
		Data source query	If a single user queries the data source, the return time ≤3seconds
	Data Source management	Data source change sort	When a single user sorts data source changes, the return times≤3seconds
		Maximum number of data sources in the system	2W
		Maximum amount of data to be concurrently processed	200
	Plug-in management	Plug-in query	If a single user queries the plug-in, the return times≤3seconds
		Maximum number of storage plug-ins in the system	2W
		Theme square Enquiry	If a single user queries a subject, the return time≤3seconds
	The theme square	Maximum amount of data per chart when editing a theme	1000
Data acquisition of single chart does not exceed		3s	
Maximum number of themes in the system		2000	
Maximum number of topic groups in the system		100	
		2000	





HikCentral-Workstation

A Cost-Effective Product with HikCentral Professional

HikCentral-Workstation is a cost-effective unit embedded with HikCentral Professional software and Windows operating system. Combining the HikCentral Professional server and client, it creates efficient management of the live feed, playback, facial recognition, ANPR, access control, video intercom, alarm management, and more. It is used widely in small- to medium-sized projects and Hikvision's "solutions by scenario."



HikCentral-Workstation

Model	HikCentral-Workstation/32-I3	HikCentral-Workstation/64-I3	HikCentral-Workstation/64-I5	HikCentral-Workstation/128-I5	
Image	 NEW	 NEW	 NEW	 NEW	
Devices and Resources	Cameras *Including ANPR Cameras and Cameras with Face Capture Function	32	64	64	128
	Managed Device IP Addresses *Including Encoding Devices, Access Control Devices, Security Control Devices, and Remote Sites	128	256	256	256
	Video Intercom Devices *Including Indoor Station	8	8	16	16
	Alarm Inputs (Including Zones of Security Control Devices)	32	32	32	32
	Alarm Outputs	32	32	32	32
	Alarm Inputs of Security Control Devices	32	32	32	32
	ANPR Cameras	4	4	8	8
	Cameras with Face Capture Function	2	2	4	4
	Security Radars	2	2	2	2
	Areas	64	64	128	128
Recording	Cameras per Area	32	32	64	64
	Alarm Inputs per Area	16	16	32	32
	Alarm Outputs per Area	16	16	32	32
	Recording Schedule	64	64	128	128
	Recording Schedule Template	32	32	32	32
	Event and Alarm Rules	128	128	128	128
	Storage of Events or Alarms without Pictures	5/s	5/s	10/s	10/s
	Events or Alarms Sent to Clients *The clients include Control Clients and Mobile Clients.	5/s 8 Clients/s	5/s 8 Clients/s	10/s 16 Clients/s	10/s 16 Clients/s
	Notification Schedule Templates	100	100	100	100
	Picture Storage *Including event/alarm pictures, face pictures, and vehicle pictures.	5/s	5/s	10/s	10/s
Reports	Regular Report Rules	64	64	64	64
	Event or Alarm Rules in One Event/Alarm Report Rule	32	32	32	32
	Records in One Sent Report	10,000 or 10 MB	10,000 or 10 MB	10,000 or 10 MB	10,000 or 10 MB
	Resources Selected in One Report *With this limitation, you can generate a neat and clear report via the Control Client and it costs less time.	20	20	20	20
Data Storage	Data Retention Period	Stored for 6 Months	Stored for 6 Months	Stored for 6 Months	Stored for 6 Months
	Concurrent Accesses via Web Clients and Control Clients	8	8	16	16
Users and Roles	Concurrent Accesses via Mobile Clients	8	8	16	16
	Users	8	8	32	32
Vehicle (ANPR)	Roles	8	8	32	32
	Vehicle Lists	50	50	50	50
	Vehicles per Vehicle List	500	500	500	500
Entrance & Exit	Lanes	4	4	4	4
	Cards Linked with Vehicles	2,500	2,500	2,500	2,500
	Vehicle Passing Frequency in Each Lane	1 Vehicle/s	1 Vehicle/s	1 Vehicle/s	1 Vehicle/s
Face Comparison	Persons with Profiles for Face Comparison	10,000	10,000	10,000	10,000
	Face Comparison Groups	16	16	16	16
	Persons in One Face Comparison Group	1,000	1,000	1,000	1,000
	Persons with Credentials for Access Control	3,000	3,000	5,000	5,000
	Total Credentials (Card + Fingerprint)	15,000	15,000	25,000	25,000
Access Control	Cards	15,000	15,000	25,000	25,000
	Fingerprints	12,000	12,000	20,000	20,000
	Profiles	3,000	3,000	5,000	5,000
	Access Points (Doors+Outdoor Station)	8	8	16	16
	Access Levels	16	16	32	32
	Access Schedules	32	32	32	32

Network Camera PTZ Dome Camera Panoramic Camera Explosion-Proof & Anti-Corrosion Series NVR Network Storage Data Thermal Commercial Display Decoder Video Wall Software Accessories DORI Distance

Decoding Performance of Control Client

HikCentral-Workstation/32-I3

Resolution	Video Encoding Type	Maximum Hardware Decoding Channels	Maximum Software Decoding Channels
4CIF (704*576)	H.264	40	44
	H.265	64	40
1920 × 1080	H.264	6	5
	H.265	6	4
2560 × 1440	H.264	3	2
	H.265	3	2
3840 × 2160	H.264	1	1
	H.265	1	1
2560 × 2560 (Fisheye Camera)	H.264	2	2
	H.265	2	2
4000 × 4000 (Fisheye Camera)	H.264	1	1
	H.265	2	1

HikCentral-Workstation/64-I3

Resolution	Video Encoding Type	Maximum Hardware Decoding Channels	Maximum Software Decoding Channels
4CIF (704*576)	H.264	40	44
	H.265	64	40
1920 × 1080	H.264	6	5
	H.265	6	4
2560 × 1440	H.264	3	2
	H.265	3	2
3840 × 2160	H.264	1	1
	H.265	1	1
2560 × 2560 (Fisheye Camera)	H.264	2	2
	H.265	2	2
4000 × 4000 (Fisheye Camera)	H.264	1	1
	H.265	2	1

HikCentral-Workstation/64-I5

Resolution	Video Encoding Type	Maximum Hardware Decoding Channels	Maximum Software Decoding Channels
4CIF (704*576)	H.264	44	52
	H.265	64	44
1920 × 1080	H.264	8	8
	H.265	9	6
2560 × 1440	H.264	5	4
	H.265	5	3
3840 × 2160	H.264	2	2
	H.265	2	1
2560 × 2560 (Fisheye Camera)	H.264	4	3
	H.265	4	3
4000 × 4000 (Fisheye Camera)	H.264	2	1
	H.265	2	1

HikCentral-Workstation/128-I5

Resolution	Video Encoding Type	Maximum Hardware Decoding Channels	Maximum Software Decoding Channels
4CIF (704*576)	H.264	44	52
	H.265	64	44
1920 × 1080	H.264	8	8
	H.265	9	6
2560 × 1440	H.264	5	4
	H.265	5	3
3840 × 2160	H.264	2	2
	H.265	2	1
2560 × 2560 (Fisheye Camera)	H.264	4	3
	H.265	4	3
4000 × 4000 (Fisheye Camera)	H.264	2	1
	H.265	2	1

Hardware Specification

Model	HikCentral-Workstation/32-I3	HikCentral-Workstation/64-I3	HikCentral-Workstation/64-I5	HikCentral-Workstation/128-I5
Processor	Intel® Core™ i3-8100 (4Cores/6MB/4T/ 3.6GHz/65W);	Intel® Core™ i3-8100 (4Cores/6MB/4T/ 3.6GHz/65W)	Intel® Core™ i5-8500 (6Cores/9MB/6T/ Up to 4.1GHz/65W)	Intel® Core™ i5-8500 (6Cores/9MB/6T/ Up to 4.1GHz/65W)
Operating Systems	Microsoft® Windows 10 IoT Ent (64-bit)	Microsoft® Windows 10 IoT Ent (64-bit)	Microsoft® Windows 10 IoT Ent (64-bit)	Microsoft® Windows 10 IoT Ent (64-bit)
Memory	2 × 4GB 2666MHz DDR4 UDIMM	2 × 4GB 2666MHz DDR4 UDIMM	2 × 4GB 2666MHz DDR4 UDIMM	2 × 4GB 2666MHz DDR4 UDIMM
Graphics Card	Integrated Intel® HD Graphics 630	Integrated Intel® HD Graphics 630	Integrated Intel® HD Graphics 630	Integrated Intel® HD Graphics 630
Storage	M.2 256GB SATA Class 20 solid state drive	M.2 256GB SATA Class 20 solid state drive	M.2 256GB SATA Class 20 solid state drive	M.2 256GB SATA Class 20 solid state drive
NIC	Integrated Intel I219-LM Ethernet LAN 10/100/1000	Integrated Intel I219-LM Ethernet LAN 10/100/1000	Integrated Intel I219-LM Ethernet LAN 10/100/1000	Integrated Intel I219-LM Ethernet LAN 10/100/1000
I/O Ports	10 External USB: 1 × USB Type-C 3.1 Gen 2, 5 × 3.1 Gen 1 Type-A (1 Front, 4 Rear), 4 × USB 2.0, 1 × RJ-45, 2 × Displayport, 1 × Serial, 2 × PS/2	10 External USB: 1 × USB Type-C 3.1 Gen 2, 5 × 3.1 Gen 1 Type-A (1 Front, 4 Rear), 4 × USB 2.0, 1 × RJ-45, 2 × Displayport, 1 × Serial, 2 × PS/2	10 External USB: 1 × USB Type-C 3.1 Gen 2, 5 × 3.1 Gen 1 Type-A (1 Front, 4 Rear), 4 × USB 2.0, 1 × RJ-45, 2 × Displayport, 1 × Serial, 2 × PS/2	10 External USB: 1 × USB Type-C 3.1 Gen 2, 5 × 3.1 Gen 1 Type-A (1 Front, 4 Rear), 4 × USB 2.0, 1 × RJ-45, 2 × Displayport, 1 × Serial, 2 × PS/2
Form Factor	Small Form Factor	Small Form Factor	Small Form Factor	Small Form Factor
Power Supply	300W typical 90% Efficient PSU (80 PLUS Bronze)	300W typical 90% Efficient PSU (80 PLUS Bronze)	300W typical 90% Efficient PSU (80 PLUS Bronze)	300W typical 90% Efficient PSU (80 PLUS Bronze)
Dimensions (H × W × D)	29cm × 9.26cm × 29.2cm	29cm × 9.26cm × 29.2cm	29cm × 9.26cm × 29.2cm	29cm × 9.26cm × 29.2cm
	(11.42" × 3.7" × 11.5")	(11.42" × 3.7" × 11.5")	(11.42" × 3.7" × 11.5")	(11.42" × 3.7" × 11.5")
Weight	7.57lbs / 5.26kg	7.57lbs / 5.26kg	7.57lbs / 5.26kg	7.57lbs / 5.26kg
Certification	CE, FCC, UL	CE, FCC, UL	CE, FCC, UL	CE, FCC, UL
Warranty	36 Months	36 Months	36 Months	36 Months

Network Camera
PTZ Dome Camera
Panoramic Camera
Explosion-Proof & Anti-Corrosion Series
NVR
Network Storage
Data Center
Thermal Display
Commercial Decoder
Video Wall Controller
Software Accessories
DORI Distance


HikCentral-Storage

A flexible, reliable, and powerful product with HikCentral Professional

- > Linux operating system and HikCentral Professional pre-installed
- > Integration of central management and storage, information sharing, convenient connection and multi-service cooperation
- > Capable of adding devices for management, live view, storage and playback of video files, alarm linkage, access control, and so on.

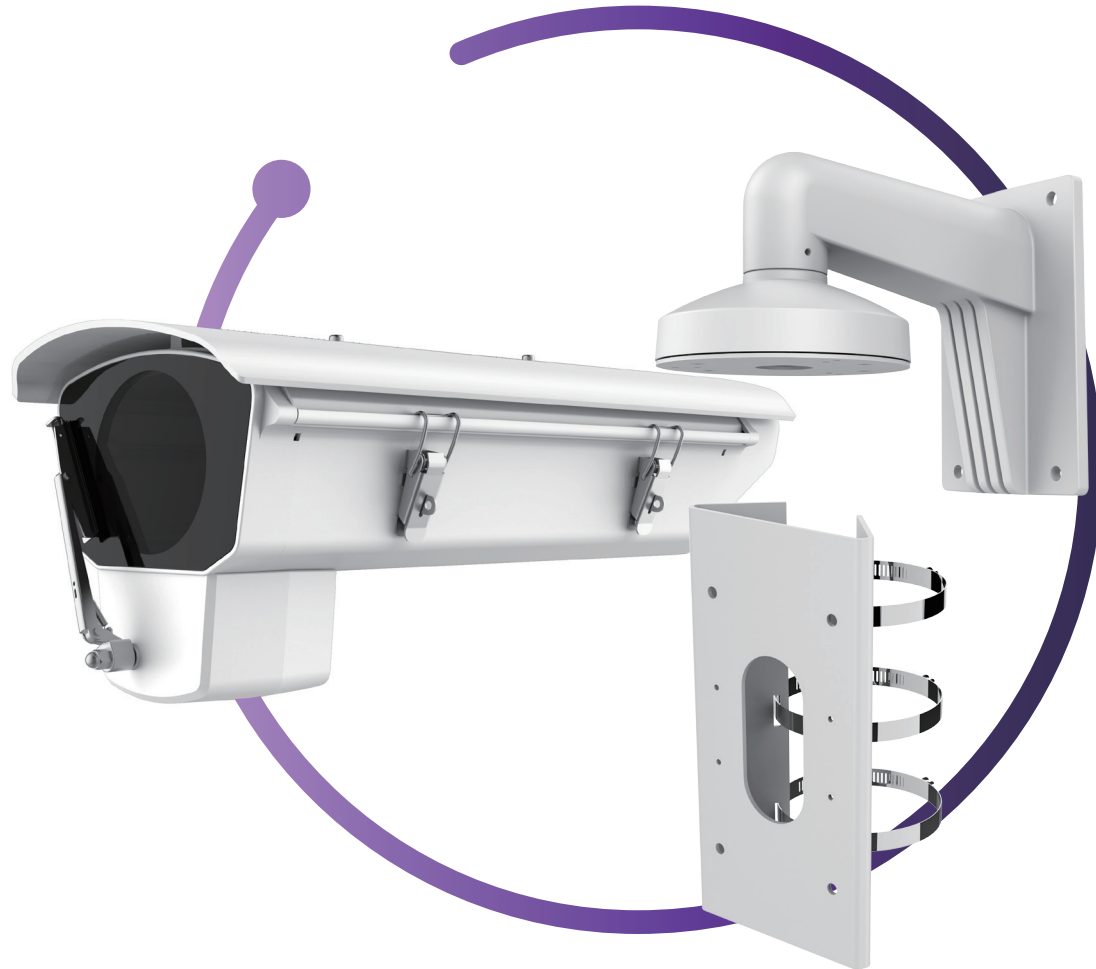


HikCentral-Storage










Model	HikCentral-Storage/256/16H
Image	 NEW
Hardware Specification	
Operating System	Embedded Linux
Main Processor	Quad-Core Intel® Xeon® Processor E3 V5 Series
Memory	16GB DDR4. ECC parity. Extendable up to 64 GB
System Bandwidth	Multi-address/net fault-tolerance mode: 768 Mbps; Load balancing mode: 1,000 Mbps
Number of Storage Channels	256
HDMI 1 Output	1024 × 768/60 Hz
HDMI 2 Output	1024 × 768/60 Hz
VGA Output	1024 × 768/60 Hz
Video Output Mode	HDMI1/HDMI2/VGA simultaneous output
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Network Mode	Net fault-tolerance, load balance, multi-address
Network Interface	4 × RJ45 10M/100M/1000M self-adaptive Ethernet interface
RAID Type	RAID0, RAID1, RAID5, RAID6, RAID10, RAID50, RAID60, JBOD
SSD	Industrial-level SSD with 128 GB capacity
SATA	16 SATA interfaces supporting hot-swapping (except the HDD at the first slot which contains the system disk)
eSATA	1 eSATA interface
Capacity	Up to 10 TB capacity for each disk
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0
Alarm In/Out	16/8
Extension Board	The extension board is optional to support. It has four 10M/100M/1000M optical interfaces (1.25 Gbps SFP module), eight RS-485 interfaces, 32 alarm inputs, and 16 alarm outputs.
Power Parameter	100 to 240 VAC, 50 to 60 Hz, redundant power supply
Consumption	≤ 140 W (without HDD)
Working Temperature	0 °C to 50 °C (32 °F to 122 °F);
Working Humidity	10% to 90% RH (no freezing and no condensation)
Chassis	3U
Dimension (W × D × H)	446 × 495 × 133 mm (17.6 × 19.5 × 5.2 inch)
Weight	≤ 17 kg (37.5 lb.)

Software Specification		
	Features	Maximum Performance
Devices and Servers	Cameras	256
	Video Intercom Devices	64
	Alarm Inputs	64
	Alarm Outputs	64
	ANPR Cameras	32
	Facial Recognition Cameras	16
	Security Radars and Radar PTZ Cameras	16
	Recording Server	16
	People Counting Cameras	16
	Heat Map Cameras	16
Recording	Thermal Cameras	16
	Queue Management Cameras	16
	Recording Schedule	64
Event & Alarm	Recording Schedule Template	32
	Event and Alarm Rules	1,500
	Storage of Events or Alarms without Pictures	100/s
Storage	Events or Alarms Sent to Clients	15/s, 32 Clients/s
	Picture Storage *Including event/alarm pictures, face pictures, and vehicle pictures.	20/s
	Data Retention Period	Stored for 3 Years
Users and Roles	Concurrent Accesses via Web Clients, Control Clients, and OpenAPI Clients	32
	Concurrent Accesses via Mobile Clients and OpenAPI Clients	32
	Users	256
Entrance & Exit	Roles	32
	Vehicle Lists	100
	Vehicles per Vehicle List	5,000
	Lanes	8
	Vehicle Passing Frequency in Each Lane	1 Vehicle/s
Face Comparison	Persons with Profiles for Face Comparison	10,000
	Face Comparison Groups	16
	Persons in One Face Comparison Group	1,000
	Access Control	10,000
	Total Credentials (Card + Fingerprint)	50,000
Time and Attendance	Cards	50,000
	Fingerprints	40,000
	Profile Pictures	10,000
	Access Points (Doors + Outdoor Station)	128
	Access Levels	256
	Persons for Time and Attendance	10,000
	Shift Schedules	128
Smart Wall	Major Leave Types	64
	Minor Leave Types of One Major Type	128
	Decoding Devices	32
Smart Wall	Smart Walls	32
	Views Auto-Switched Simultaneously	32







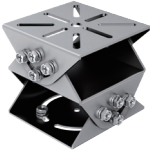


Accessories












Recommended brackets for Hikvision IP camera

		Indoor			Indoor housing		Outdoor housing
							
	DS-2CD4C26FWD-AI(P) DS-2CD4C36FWD-AI(P) DS-2CD4026FWD-A/P	DS-1299ZJ	DS-1292ZJ	DS-1332HZ	DS-1330HZ	DS-1331HZ series	DS-1340HZ
	DS-2CD382360	Pendant mount	Wall mount	Indoor housing	Indoor housing	Outdoor housing	Outdoor housing
	DS-2CD502660-API DS-2CD504660-API DS-2CD506560-API DS-2CD508560-API DS-2CD50C560-API DS-2CD702660I/PI-API DS-2CD704660-API DS-2CD708560-API	Hik white Aluminum alloy 77 × 77 × 198 mm 165 g	Hik white Aluminum alloy 70 × 97.1 × 217.9 mm 201 g	Hik white Aluminum alloy 288 × 149 × 100 mm 800 g	Hik white Complex fiber 290 × 142 × 92 mm 640 g	Hik white Aluminum alloy	Three-axis adjustment Containing combined wires and fan IK10








Recommended brackets for Hikvision IP camera





	DS-2CD502860/E-HI				
		DS-1293ZJ-P	DS-1269ZJ-P	DS-1214ZJ-TP	DS-1233ZJ-P
		Wall mount	Pendant mount	Horizontal pole mount	Column mount
		Platinum gray Aluminum alloy 88 x 116.6 x 297.3 mm 473 g	Platinum gray Aluminum alloy 493 x 246 x 88 mm 480 g	Platinum gray Steel (mounting board) & Stainless Steel (clamp)	Platinum gray Steel Φ160 x 1093 mm 6200 g
					
		DS-1232ZJ-P	DS-1232ZJ-TP	DS-1275ZJ-P-SUS	DS-1275ZJ-SUS
Cardan joint	Cardan joint	Vertical pole mount	Vertical pole mount		
Platinum gray Steel 126 x 103.5 x 83 mm 790 g	Platinum gray Steel 96 x 95 x 92.5 mm	Platinum gray Stainless steel 127 x 46 x 250 mm Match up with wall mount (DS-1293ZJ-XX)	Hikvision white Stainless steel 127 mm x 46 mm x 250 mm (5" x 1.81" x 9.84") 1480 g (3.26 lb.) Match up with wall mount(DS-1293ZJ-XX(B))		





Recommended brackets for Hikvision IP camera





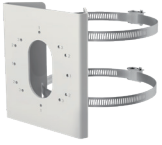

	DS-2CD5026G0/E-II(H) DS-2CD7026G0/EP-II(H)				
		DS-1293ZJ	DS-1214ZJ	DS-1275ZJ-SUS	DS-1269ZJ
		Wall mount	Horizontal pole mount	Vertical pole mount	Pendant mount
		Hik white Aluminum alloy 88 × 116.6 × 297.3mm 473 g	Hik white Steel (mounting board) & Stainless steel (clamp) 117 × 226 × 194 mm Diameter of clamp: Ø67-127 mm 1895 g	Hikvision white Stainless steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount (DS-1293ZJ,DS-2202ZJ)	Hik white Aluminum alloy 493 × 246 × 88 mm 480 g
					
		DS-1233ZJ	DS-1276ZJ-SUS	DS-1674ZJ	DS-2202ZJ
		Column mount	Corner mount	Junction box	Wall mount
		Hik white Steel Ø160 × 1093 mm 6200 g	Hik white Stainless steel 126 × 105 × 250 mm 2280 g Match up with wall mount (DS-1293ZJ,DS-2202ZJ)	Hikvision white Aluminum alloy 310 mm × 208.9 mm × 89 mm (12.20" × 8.22" × 3.50") 2380 g (5.25 lb.)	Hikvision white Aluminum alloy ADC12 300.7 mm × 250.2 mm × 107.9 mm (9.85" × 9.85" × 4.25") 1250 g (2.76 lb.)

Recommended brackets for Hikvision IP camera




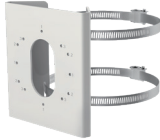




	<p>DS-2CD6026FWD/E-(H) DS-2CD6233F/E-(H)(IR5)(IRA) DS-2CD4035FWDE -(H)(IR5)(IRA)(HIR5)(HIRA) DS-2CD4065FE -(H)(IR5)(IRA)(HIR5)(HIRA) DS-2CD4085FE -(H)(IR5)(IRA)(HIR5)(HIRA) DS-2CD4026FWDE -(H)(IR5)(IRA) DS-2CD4026FWD/P-L DS-2CD4026FWD/P -(IR5)(IRA)(INRA)(HIRA)(B)</p>	 <p>DS-1293ZJ</p> <p>Wall mount</p> <p>Hik white Aluminum alloy 88 × 116.6 × 297.3 mm 473 g</p>	 <p>DS-1214ZJ</p> <p>Horizontal pole mount</p> <p>Hik white Steel(mounting board) & Stainless steel (clamp) 117 × 226 × 194 mm Diameter of clamp: Ø67-127mm 1895 g</p>	 <p>DS-1275ZJ-SUS</p> <p>Vertical pole mount</p> <p>Hikvision white Stainless steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.) Match up with wall mount (DS-1293ZJ-XX(B))</p>	 <p>DS-1269ZJ</p> <p>Pendant mount</p> <p>Hik white Aluminum alloy 493 × 246 × 88 mm 480 g</p>	 <p>DS-1233ZJ</p> <p>Column mount</p> <p>Hik white Steel Ø160 × 1093 mm 6200 g</p>	 <p>DS-1276ZJ-SUS</p> <p>Corner mount</p> <p>Hik white Stainless steel 126 × 105 × 250 mm 2280 g Match up with wall mount (DS-1293ZJ-XX)</p>
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Recommended brackets for Hikvision IP camera			
	DS -2CD6412FWD -10/11/20/21/30/31		
		DS-1290ZJ-BL	DS-1291ZJ-BL
	DS -2CD6424FWD -10/20/30/40(E1/E2)	Clamp bracket	Desktop/Pendant mount
		Black Plastic 90 x 70 x 22 mm	Black Plastic 87 x 73 x 73 mm

Recommended brackets for Hikvision IP camera		
	DS-2CD306360-I DS-2CD304360-I DS-2CD302360-I	
		DS-1280ZJ-XS
	DS-2CD306360-I DS-2CD304360-I DS-2CD302360-I	Junction box
	DS-2CD302160-I(U) DS-2CD304160-I	Hik white Aluminum alloy Ø100 x 43.2 x 129 mm 320 g




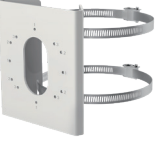

Recommended brackets for Hikvision IP camera					
Indoor/Outdoor				Outdoor	
 	DS-2CD4A26FWD-(I Z P)(I Z S P) (I Z H S P)(L Z S P) DS-2CD4A45G0-I Z(H S) DS-2CD4B45G0-I ZS DS-2CD4B25G0-I ZS DS-2CD4B36FWD-(I Z S) DS-2CD4B26FWD-I ZS				
		DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1275ZJ-S-SUS	
		Vertical pole mount	Corner mount	Vertical pole mount	Rubber sleeve with weather proof
		Hikvision white Stainless steel 127 mm x 46 mm x 250 mm (5" x 1.81" x 9.84") 1480 g (3.26 lb.)	Hik white Stainless steel 126 x 105 x 250 mm 2280 g	Hik white Stainless steel 144 mm x 131.6 mm x 44.3 mm (5.67" x 5.18" x 1.74") 760 g (1.68 lb.)	
				Hik white rubber	

Recommended brackets for Hikvision IP camera



	<p>DS-2CD3663G0-IZS DS-2CD3643G0-IZS DS-2CD3623G0-IZS DS-2CD3685G0-IZS DS-2CD3665G0-IZS DS-2CD3645G0-IZS DS-2CD3625G0-IZS</p>				
	<p>DS-2CD3683G1-IZ(S) DS-2CD3663G1-IZ(S) DS-2CD3643G1-IZ(S) DS-2CD3623G1-IZ(S) DS-2CD3685G1-IZ(S) DS-2CD3665G1-IZ(S) DS-2CD3645G1-IZ(S) DS-2CD3625G1-IZ(S)</p>	<p>DS-1475ZJ-SUS</p>	<p>DS-1476ZJ-SUS</p>	<p>DS-1275ZJ-S-SUS</p>	<p>DS-2251ZJ</p>
	<p>DS-2CD5A2660-IZ(H)S DS-2CD5A4660-IZ(H)S DS-2CD5A65G0-IZ(H)S DS-2CD5A85G0-IZ(H)S DS-2CD5AC5G0-IZ(H)S DS-2CD7A26G0I/P-IZ(H)S DS-2CD7A46G0I/P-IZ(H)S DS-2CD7A85G0-IZ(H)S DS-2CD5A26G1-IZ(H)S DS-2CD5A46G0-IZ/UH DS-2CD5A46G1-IZ(H)S DS-2CD5A85G1-IZ(H)S</p>	<p>Vertical pole mount</p>	<p>Corner mount</p>	<p>Vertical pole mount</p>	<p>Column mount</p>
	<p>DS-2CD7A26G0I/P-LZ(H)S</p>	<p>Hik white Stainless steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127 mm 1205 g</p>	<p>Hik white Stainless steel 126 × 105 × 250 mm 2280 g</p>	<p>Hik white Stainless steel 144 mm × 131.6 mm × 44.3 mm [5.67" × 5.18" × 1.74"] 760 g (1.68 lb.)</p>	<p>Hikvision white Alloy Ø 250 mm × 1570.08 mm [Ø 9.84" × 61.81"] Approx. 3308 g (7.29 lb.)</p>

Recommended brackets for Hikvision IP camera			
	DS-2CD5A26G0-IZ(H)SY DS-2CD5A46G0-IZ(H)SY DS-2CD7A26G0-IZ(H)SY DS-2CD7A46G0-IZ(H)SY		
		DS-1475ZJ-Y	DS-1476ZJ-Y
	Vertical pole mount	Corner mount	
	Hik white Stainless steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127 mm 1205 g	Hik white Stainless steel 126 X 105 X 250 mm 2280 g	








Recommended brackets for Hikvision IP camera		
 	DS-2CD4626FWD-IZ(H)S/P	
		DS-1275ZJ-4626
	Vertical pole mount	
	iDS-2CD8626G0/P-IZS(Y)	Hik white Steel (mounting board) & Stainless steel [clamp] 127 × 46 × 250 mm 1235 g

Recommended brackets for Hikvision IP camera				
	DS-2CD3T63G0-2I/4(S) DS-2CD3T43G0-2I/4(S) DS-2CD3T23G0-2I/4(S)			
		DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1275ZJ-S-SUS
	Vertical pole mount	Corner mount	Vertical pole mount	
	DS-2CD3T85G0-4S(B) DS-2CD3T65G0-4S(B) DS-2CD3T45G0-4S(B) DS-2CD3T25G0-4S(B)	Hikvision white Stainless steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.)	Hik white Stainless steel 126 × 105 × 250 mm 2280 g	Hik white Stainless steel 144 mm × 131.6 mm × 44.3 mm (5.67" × 5.18" × 1.74") 760 g (1.68 lb.)


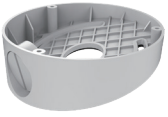





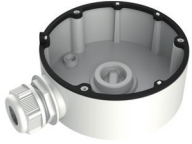




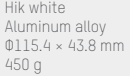


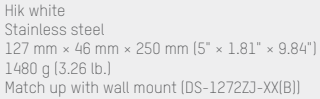
Recommended brackets for Hikvision IP camera

	<p>DS-2CD712660-IZS DS-2CD712660/L-IZS DS-2CD714660-IZS DS-2CD718560-IZS DS-2CD512660-IZS DS-2CD514660-IZS DS-2CD516560-IZS DS-2CD518560-IZS DS-2CD51C560-IZS</p>							
		DS-1271ZJ-130	DS-1273ZJ-130	DS-1273ZJ-130B	DS-1227ZJ	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1281ZJ-DM23
		Pendant mount	Wall mount	Wall mount	In-ceiling mount	Vertical pole mount	Corner mount	Inclined ceiling mount
		Hik white Aluminum alloy Ø150 × 565 mm 1900 g	Hik white Aluminum alloy 132 × 183.5 × 228.5 mm 690 g	Hik white Aluminum alloy with junction box 132 × 243 × 288.5 mm 1475 g	Hik white Aluminum alloy & ABS Plastic Ø210 × 90 mm 540 g	Hikvision white Stainless steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount (DS-1273ZJ-XX(B))	Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount (DS-1273ZJ-XX(B))	Hik white Aluminum alloy Ø136 × 48 mm 245 g


Recommended brackets for Hikvision IP camera

	<p>DS-2CD354560-IS DS-2CD352560-IS</p>						
		DS-1272ZJ-120	DS-1271ZJ-120	DS-1276ZJ-SUS	DS-1280ZJ-DM46	DS-1275ZJ-SUS	DS-1272ZJ-120B
		Wall mount	Pendant mount	Corner mount	Junction box	Vertical pole mount	Wall mount
		Hik white Aluminum alloy 120 × 122 × 173.5 mm 430 g	Hik white Aluminum alloy Ø150 × 573 mm 1900 g	Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount (DS- 1272ZJ-XX(B))	Hik white Aluminum alloy Ø 120 mm × 37.2 mm (Ø 4.72" × 1.46") 250 g	Hikvision white Stainless steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount (DS- 1272ZJ-XX(B))	Hik white Aluminum alloy with junction box 123 × 180 × 223 mm 1225 g



Recommended brackets for Hikvision IP camera

	DS-2CD316360-1(S) DS-2CD314360-1(S) DS-2CD312360-1(S) DS-2CD318560-1S DS-2CD314560-1S DS-2CD312560-1S					
		DS-1259ZJ	DS-1271ZJ-110	DS-1272ZJ-110	DS-1272ZJ-110B	DS-1276ZJ-SUS
		Inclined ceiling mount	Pendant mount	Wall mount	Wall mount	Corner mount
	DS-2CD312160-1					
		DS-1280ZJ-DM18	DS-1258ZJ	DS-1250ZJ	DS-1275ZJ-SUS	
		Junction box	Wall mount	Rain shade	Vertical pole mount	
	DS-2CD314160-1					
		Hik white Aluminum alloy Ø115.4 × 43.8 mm 450 g	Hik white ABS plastic 120 × 111 × 161.5 mm 200 g	Hik white Composite Fibre 264.7 × 152 × 189.6 mm 199 g	Hik white Stainless steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount (DS-1272ZJ-XX(B))	

Recommended brackets for Hikvision IP camera

	DS-2CD3185G0-IMS DS-2CD3125G0-IMS					
		DS-1272ZJ-120-TR15	DS-1272ZJ-120B	DS-1271ZJ-120	DS-1276ZJ-SUS	DS-1275ZJ-SUS
		Wall mount	Wall mount	Pendant mount	Corner mount	Vertical pole mount
		Hikvision White Aluminium Alloy 120 mm × 122 mm × 173 mm (4.72" × 4.80" × 6.81") Approx. 460 g (1.01 lb.)	Hik white Aluminum alloy with junction box 123 × 180 × 223 mm 1225 g	Hik white Aluminum alloy Ø150 × 573 mm 1900 g	Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount (DS-1272ZJ-XX(B))	Hikvision white Stainless steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount (DS-1272ZJ-XX(B))

Recommended brackets for Hikvision IP camera

	DS-2CD3765G1-IZ(S) DS-2CD3745G1-IZ(S) DS-2CD3725G1-IZ(S) DS-2CD3783G1-IZ(S) DS-2CD3763G1-IZ(S) DS-2CD3743G1-IZ(S) DS-2CD3723G1-IZ(S)						
		DS-1471ZJ-155	DS-1473ZJ-155	DS-1475ZJ-SUS	DS-1473ZJ-155B	DS-1476ZJ-SUS	DS-1227ZJ-DM37
		Pendant mount	Wall mount	Vertical pole mount	Wall mount	Corner mount	In-ceiling mount
		Hik white Aluminum alloy Ø155 × 150 × 565 mm	Hik white Aluminum alloy 155 × 183.5 × 240 mm	Hik white Stainless steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127 mm 1205 g Match up with wall mount (DS-1473Z-XX(B))	Hik white Aluminum alloy 243 × 123 × 300 mm 1750 g (3.86 lb.)	Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount (DS-1473ZJ-XX(B))	Hik white Steel and Plastic Ø 225 mm × 98.2 mm (8.86" × 3.87") 700 g (1.54 lb.)

Recommended brackets for Hikvision IP camera



DS-2CD3785G1-IZ(S)
 DS-2CD3765G1-IZ(S)
 DS-2CD3745G1-IZ(S)
 DS-2CD3725G1-IZ(S)
 DS-2CD3783G1-IZ(S)
 DS-2CD3763G1-IZ(S)
 DS-2CD3743G1-IZ(S)
 DS-2CD3723G1-IZ(S)



DS-1471ZJ-155

Pendant mount

Hik white
 Aluminum alloy
 Ø155 × 150 × 565 mm



DS-1473ZJ-155

Wall mount

Hik white
 Aluminum alloy
 155 × 183.5 × 240 mm



DS-1475ZJ-SUS

Vertical pole mount

Hik white
 Stainless steel
 250 mm × 127 mm × 46 mm
 Diameter of clamp: Ø67-127 mm
 1205 g
 Match up with wall mount (DS-1473Z-XX(B))



DS-1280ZJ-DM55

Junction box

Hikvision white
 Aluminum alloy
 Ø 155 mm × 36 mm (Ø 6.1" × 1.42")
 300 g (0.66 lb.)



DS-1473ZJ-155B

Wall mount

Hik white
 Aluminum alloy
 243 × 123 × 300 mm
 1750 g (3.86 lb.)



DS-1476ZJ-SUS

Corner mount

Hik white
 Stainless steel
 126 X 105 X 250 mm
 2280 g
 Match up with wall mount (DS-1473ZJ-XX(B))








DS-1227ZJ-DM44






In-ceiling mount

Hikvision white
 SECC, PC&ABS
 Ø 256.1 mm × 75.9 mm (Ø 10.08" × 2.99")
 Approx. 608.5 g (1.34 lb.)










Recommended brackets for Hikvision IP camera

	DS-2CD4026FWD-IZ(S) DS-2CD4036FWD-IZ(S)						
		DS-1273ZJ-DM32	DS-1271ZJ-DM32	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1227ZJ-DM32	
		Wall mount	Pendent mount	Vertical pole mount	Corner mount	In-ceiling mount	
Hikvision white Aluminum alloy 183.5 × 142 × 232 mm		Hikvision white Aluminum alloy Ø150 × 565 mm		Hikvision white Stainless steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount (DS-1273ZJ-XX(B))		Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount (DS-1273ZJ-XX(B))	
Hik white Aluminum alloy Ø225 × 98 mm							











Recommended brackets for Hikvision IP camera

	DS-2CD5526G0-IZ(H)SY DS-2CD5546G0-IZ(H)SY DS-2CD7526G0-IZ(H)SY DS-2CD7546G0-IZ(H)SY						
		DS-1471ZJ-155-Y	DS-1473ZJ-155-Y	DS-1475ZJ-SUS-Y	DS-1476ZJ-SUS-Y		
		Pendant mount	Wall mount	Vertical pole mount	Corner mount		
Hik white Aluminum alloy Ø155 × 150 × 565 mm		Hik white Aluminum alloy 155 × 183.5 × 240 mm		Hik white Stainless steel 250 × 127 × 46 mm Diameter of clamp: Ø67-127 mm 1205 g Match up with wall mount (DS-1473ZJ-XX(B))			
Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount (DS-1473ZJ-XX(B))							









Recommended brackets for Hikvision IP camera

	<p>DS-2CD5526G0-IZ(H)S DS-2CD5546G0-IZ(H)S DS-2CD5585G0-IZ(H)S DS-2CD5585G0-IZ(H)S DS-2CD55C5G0-IZ(H)S DS-2CD7526G0-IZ(H)S DS-2CD7546G0-IZ(H)S DS-2CD7585G0-IZ(H)S DS-2CD5526G1-IZ(H)S DS-2CD5546G1-IZ(H)S DS-2CD5585G1-IZ(H)S</p>				
		DS-1471ZJ-155	DS-1473ZJ-155	DS-1475ZJ-SUS	DS-1476ZJ-SUS
		Pendant mount	Wall mount	Vertical pole mount	Corner mount
		Hik white Aluminum alloy Ø155 × 150 × 565 mm	Hik white Aluminum alloy 155 × 183.5 × 240 mm	Hik white Stainless steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127 mm 1205 g Match up with wall mount (DS-1473ZJ-XX(B))	Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount (DS-1473ZJ-XX(B))
					
		DS-1473ZJ-155B	DS-1253ZJ-L	DS-1250ZJ	DS-1227ZJ-DM42
		Wall mount	Rain shade	Rain shade	In-ceiling mount
		Hik white Aluminum alloy 243 × 123 × 300 mm 1750 g (3.86 lb.)	Hik white Composite fibre Ø225.1 × 98 mm 198 g Match up with wall mount (DS-1473ZJ-155)	Hik white Composite fibre 264.7 × 152 × 189.6 mm 199 g	Hik white Steel and Plastic Ø 225 mm × 98.1 mm (Ø 8.86" × 3.86") 710 g (1.57 lb.)

Recommended brackets for Hikvision IP camera

	<p>DS-2CD6362F-IV(S) DS-2CD6332FWD-IV(S) DS-2CD6302F-IV(S) DS-2CD6365G0E-IV(S) DS-2CD6365G0-IV(S) DS-2CD63C5G0E-IV(S) DS-2CD63C5G0-IV(S)</p>					
		DS-1271ZJ-DM25	DS-1273ZJ-DM25	DS-1280ZJ-DM25	DS-1281ZJ-DM25	DS-1283ZJ
		Pendant mount	Wall mount	Junction box	Inclined ceiling mount	Three axis adjustment
		Hik white Aluminum alloy Ø149.5 × 555 mm 1930 g	Hik white Aluminum alloy 183.5 × 164 × 231.7 mm 900 g	Hik white Aluminum alloy 178.5 × 164 × 41 mm 340 g	Hik white Aluminum alloy 157.1 × 164 × 45.5 mm 300 g	Hik white Aluminum alloy 167.5 × 167.5 × 48.7 mm
						
		DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1274ZJ-DM25	DS-1281ZJ-DM25-B	
		Vertical pole mount	Corner mount	Corner mount	Pendant mount	
		Hik white Stainless steel 127 × 46 × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount (DS-1283ZJ, DS-1273ZJ-XX(B))	Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount (DS-1283ZJ, DS-1273ZJ-XX(B))	Hik white Aluminum Alloy & Plastic 209 × 195 × 114 mm	Hik white Aluminum alloy & Plastic 161 × 156 × 165.5 mm	




Recommended brackets for Hikvision IP camera

	DS-2CD3363G0-I DS-2CD3343G0-I DS-2CD3323G0-I							
		DS-1273ZJ-130-TRL	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-DM8	DS-1281ZJ-M	DS-1271ZJ-130-TRL	DS-1273ZJ-130B-TRL
		Wall mount	Vertical pole mount	Corner mount	Junction box	Inclined ceiling mount	Pendant mount	Wall mount
		Hik white Aluminum alloy 131 × 183.5 × 228.5 mm 890 g	Hik white Aluminum alloy 131 × 183.5 × 228.5 mm 890 g	Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount (DS-1273ZJ-J-XX(B))	Hik white Aluminum alloy Ø126.7 mm × 35 mm Approx.: 210 g (0.46 lb.)	Hik white Aluminum alloy 157 × 165.7 × 61.8 mm 586 g	Hik white Aluminum alloy Ø150 × 567 mm	Hik white Aluminum alloy Ø 132 mm × 242.9 mm × 288.5mm (5.20" × 9.56" × 11.36") 1690 g (3.73 lb.)

Recommended brackets for Hikvision IP camera

	DS-2CD3385G0-I(B) DS-2CD3345G0-I(B) DS-2CD3325G0-I(B)						
		DS-1271ZJ-140	DS-1273ZJ-140	DS-1280ZJ-DM21	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1273ZJ-140B
		Pendant mount	Wall mount	Junction box	Vertical pole mount	Corner mount	Wall mount
		Hik white Aluminum alloy Ø150 × 565 mm 1900 g	Hik white Aluminum alloy 140 × 183.5 × 232 mm 703 g	Hik white Aluminum alloy 162 × 137 × 42 mm 250 g	Hik white Stainless steel 127 × 46 × 250 mm Diameter of clamp: Ø67-127 mm 1480 g Match up with wall mount (DS- 1273ZJ-XX(B))	Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount (DS- 1273ZJ-XX(B))	Hik white Stainless steel 126 X 105 X 250 mm 2280 g Match up with wall mount (DS- 1273ZJ-XX(B))



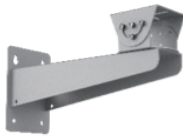

Recommended brackets for Hikvision IP camera








	DS-2CD6626DS-IZ(H)S		
		DS-1284ZJ-M-AC	DS-1703ZJ-AC
		Junction box	Wall mount
		Natural Stainless Steel Color Stainless Steel 229 × 141 × 71.5 mm 1981 g	Natural stainless steel color Stainless steel Ø175.8 × 116.5 × 202 mm

Recommended brackets for Hikvision IP camera

	DS-2XC6122FWD-IS DS-2XC6142FWD-IS		
		DS-1705ZJ-DM35-Y	DS-1284ZJ-M-AC
		Wall mount	Junction box
		Natural Stainless Steel Color Stainless Steel 180 × 74 × 150 mm Approx. 498 g (1.1 lb.)	Natural Stainless Steel Color Stainless Steel 229 × 141 × 71.5 mm 1981 g


Recommended brackets for Hikvision IP camera

 	DS-2CD6626B-IZH(R)S DS-2CD6652B-IZHS		
		DS-1701ZJ-AC	DS-1284ZJ-M-AC
		Wall mount	Junction box
		Natural stainless steel color Stainless steel 140 × 228 × 412.5 mm	Natural stainless steel color Stainless steel 229 × 141 × 71.5 mm 1981 g


Recommended brackets for Hikvision IP camera							
	DS-2XE6222F-IS DS-2XE6242F-IS						
		DS-1704ZJ	DS-1706ZJ	DS-2780ZJ-X	DS-1712ZJ	DS-1677ZJ-XS-1.0 (D)	DS-1751ZJ
		Wall mount	PT joint	Explosion-proof terminal box	Pendant mount	Flexible conduit	Vertical pole mount
		Natural stainless steel color 304L Stainless steel 412.5 × 140 × 228 mm	Natural stainless steel color Stainless steel 85 × 60 × 55 mm	Stainless steel 272 mm × 272 mm × 96.8 mm 6.4 kg	Natural stainless steel color 304 stainless steel	NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm	Unpainted stainless steel SUS304 350 mm × 221 mm × 87.2 mm (13.78" × 8.70" × 3.43") Approx. 5 kg (11.02 lb.) Match up with wall mount [DS-1704ZJ]

Recommended brackets for Hikvision IP camera				
	DS-2XE6222F-IS/316L DS-2XE6242F-IS/316L			
		DS-2780ZJ-X/316L	DS-1704ZJ-Y	DS-1677ZJ-XS-1.0 (D)
		Explosion-proof terminal box	Wall mount	Flexible conduit
		Stainless steel 272 mm × 272 mm × 96.8 mm 6.4 kg	Unpainted stainless steel SUS316L 412.5 mm × 140 mm × 228 mm (16.24" × 5.51" × 8.98") 2160 g (4.76 lb.)	NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm





Recommended brackets for Hikvision IP camera		
 	DS-2XC622460-L DS-2XC622560-L	
		DS-1706ZJ
		PT joint
		Natural stainless steel color Stainless steel 85 × 60 × 55 mm





Recommended brackets for Hikvision IP camera

DS-1279ZJ
Extendable pole for pendant mount
Hik white Aluminum alloy 250 mm Match up with pendant mount [DS-1271ZJ-XXX, DS-1471ZJ-XXX]

Recommended brackets for Hikvision IP camera




	DS-2XE6422FWD-IZH(R)S DS-2XE6452F-IZH(R)S				
		DS-1707ZJ-Y	DS-2780ZJ-X/316L	DS-1707ZJ-Y-E	DS-1677ZJ-XS-1.0 (D)
		Wall mount	Explosion-proof terminal box	Wall mount	Flexible conduit
		Unpainted stainless steel SUS316L 562.5 mm × 180 mm × 309 mm (22.15" × 7.09" × 12.17") 7.02 kg (15.48 lb.)	Stainless steel stainless steel 316L 272 mm × 272 mm × 96.8 mm 6.4 kg	Unpainted stainless steel SUS316L 543.5 mm × 160 mm × 258 mm (21.40" × 6.30" × 10.16") 4.98 kg (10.98 lb.)	NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm




Recommended brackets for Hikvision IP camera

	DS-2XE6126FWD-HS DS-2XE6146F-HS					
		DS-1696ZJ-X	DS-1697ZJ-X	DS-2780ZJ-X/316L	DS-2781ZJ-X/316L	DS-1677ZJ-XS-1.0 (D)
		Pendant mount - 316L	Wall mount - 316L	Explosion-proof terminal box	Explosion-proof terminal box	Flexible conduit
		Natural stainless steel color Stainless steel 316L φ136 × 306 mm Approx. 1.07 kg	Natural stainless steel color Stainless steel 316L 136*204.3 × 353.4 mm Approx. 1.04 kg	stainless steel Stainless steel 316L 272 mm × 272 mm × 96.8 mm 6.4 kg	Natural stainless steel color Stainless steel 316L 272 mm × 272 mm × 96.8 mm (10.7" × 10.7" × 3.8") Approx. 6.7 kg (14.8 lb.)	NBR, braided steel wire, Carbon steel Ø25 mm × 1000 mm










Recommended brackets for Hikvision IP camera				
	IDS-2CD6810F/C			
		DS-1227ZJ-P1	DS-2102ZJ	DS-1299ZJ
		In-ceiling mount	Wall mount	Pendant mount
		Hik white Metal plate & Plastic Ø 253.4 mm × 38.4 mm (Ø 9.97" × 1.51") 460 g (1.01 lb.)	Hik white Steel 194 mm × 110 mm × 50 mm (7.64" × 4.33" × 1.97") 234 g (0.52 lb.)	Hik white Aluminum alloy 77 × 77 × 198 mm 165 g

Recommended brackets for Hikvision IP camera		
 <p>Outdoor dual-lens people counting camera</p>	IDS-2CD6810F-IV/C	
		DS-1275ZJ-P1
		Horizontal pole mount
		Platinum gray Stainless steel, and Steel 127 mm × 140.48 mm × 250 mm (5" × 5.53" × 9.84") 1500 g (3.3 lb.)

Recommended brackets for Hikvision IP camera					
	DS-2CD6825G0/C-IV(S)				
		DS-1297ZJ	DS-1299ZJ	DS-1297ZJ-ES	DS-1297ZJ-M
		Pendant mount (extendable)	Pendant Mount	Pendant mount (extendable)	Pendant mount (extendable)
	DS-2CD6825G0/C-IV(S)				
		Hikvision White Aluminum Alloy Ø120x2000mm 1035 g (2.28 lb.) 1.2 m to 2.0 m	Hik white Aluminum Alloy 77x77x198mm 165g	Hikvision White Aluminum Alloy Ø 97 mm × 270 mm to 400 mm (Ø 3.82" × 10.63" to 15.75") 500 g (1.10 lb.)	Hikvision White Aluminum Alloy Ø 120 mm × 650 mm to 1200 mm (Ø 4.72" × 25.59" to 47.24") 800 g (1.76 lb.)

Recommended brackets for Hikvision IP camera			
	DS-2CD6D54G1-IV(S)		
		DS-1618ZJ-6D	DS-1661ZJ-6D
		Wall Mount	Pendant Mount
		Hikvision White Aluminum alloy, stainless steel, and silicone rubber 283.5 mm × 250 mm × 165.5 mm (11.16" × 9.84" × 6.52") Approx. 1356 g (2.99 lb.)	Hikvision White Aluminum alloy, stainless steel, and silicone rubber Ø 250 mm × 247 mm (Ø 9.84" × 9.72") Approx. 1338 g (2.95 lb.)

Recommended brackets for Hikvision IP camera

	<p>DS-2CD6024FWD-1(I)Z(H)(S)(I)/NFC</p> <p>DS-2CD6054FWD-1(I)Z(H)(S)(I)/NFC</p>				
		DS-1604ZJ	DS-1663ZJ	DS-1662ZJ	DS-1661ZJ
		Wall mount with junction box	Ceiling mount	Pendant mount	Pendant mount
		Hik white Aluminum alloy 255 × 171 × 355.5 mm 2150 g	Hik white Aluminum alloy Ø116.5 × 57 mm	Hik white Aluminum alloy Ø116.5 × 500 mm 960 g	Hik white Aluminum alloy Ø116.5 × 200 mm 600 g
					
		DS-1604ZJ-pole	DS-1604ZJ-corner	DS-1673ZJ	DS-1602ZJ
		Vertical pole mount	Corner mount	Horizontal pole mount	Wall mount
		Hik white Aluminum alloy 170.7 × 261.8 × 355.5 mm	Hik white Aluminum alloy 206.8 × 261.8 × 465 mm	Hik white Steel(mounting board) & Stainless steel(clamp) Diameter of clamp: Ø67-127 mm Match up with pendant mount	Hik white Aluminum alloy 97 X 182 X 305 mm

Recommended brackets for Hikvision IP camera



DS-2CD6984G0-IH(S)(AC)
 DS-2CD6924G0-IHS(/NFC)
 DS-2CD6924G0-IHS(/NFC)
 DS-2CD6984G0-IH(S)(/NFC)



DS-1661ZJ

Pendant mount

Hik white
 Aluminum alloy
 Ø116.5 × 200 mm
 600 g



DS-1662ZJ

Pendant mount

Hik white
 Aluminum alloy
 Ø116.5 × 500 mm
 960 g



DS-1663ZJ

Ceiling mount

Hik white
 Aluminum alloy
 Ø116.5 × 57 mm



DS-1604ZJ

Wall mount with junction box

Hik white
 Aluminum alloy
 255 × 171 × 355.5 mm
 2150 g



DS-1604ZJ-pole

Vertical pole mount

Hik white
 Aluminum alloy
 170.7 × 261.8 × 355.5 mm



DS-1604ZJ-corner

Corner mount

Hik white
 Aluminum alloy
 206.8 × 261.8 × 465 mm



DS-1604ZJ-box

Wall mount with junction box

Hik white
 Aluminum alloy
 281.2 × 170.7 × 395.5 mm



DS-1604ZJ-BOX-POLE

Vertical pole mount with junction box

Hik white
 Aluminum alloy & steel
 222 × 139.3 × 422 mm



DS-1604ZJ-BOX-CORNER

Wall mount with junction box

Hik white
 Aluminum alloy & steel
 255.5 × 314 × 542.5 mm


















DS-1602ZJ

Wall mount





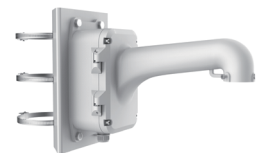










Hik white
 Aluminum alloy
 97 X 182 X 305 mm

Recommended brackets for Hikvision PTZ Dome Camera









Outdoor(only available for outdoor PTZ model)

 	<p>DS-2DF5232X-AEL DS-2DF5225X-AEL</p> <p>DS-2DF7232IX-AEL DS-2DF7232IX-AELW DS-2DF7225IX-AEL DS-2DF7225IX-AELW</p>			
	<p>DS-2DE7530IW-AE DS-2DE7430IW-AE DS-2DE7425IW-AE DS-2DE7330IW-AE DS-2DE7320IW-AE DS-2DE7232IW-AE DS-2DE7225IW-AE</p>	<p>DS-1661ZJ</p> <p>Pendant mount</p>	<p>DS-1662ZJ</p> <p>Pendant mount</p>	<p>DS-1663ZJ</p> <p>Ceiling mount</p>
	<p>DS-2DE7A225MX-AE DS-2DE7A232MX-AE</p>	<p>Hik white Aluminum alloy Φ116.5 × 200mm 600 g</p>	<p>Hik white Aluminum alloy Φ116.5 × 500 mm 960 g</p>	<p>Hik white Aluminum alloy Φ116.5 × 57 mm 380 g</p>
	<p>DS-2DE7A245IX-AE/S1</p>			
	<p>DS-2DF6225X-AEL</p>			
	<p>DS-2DF8836IX-AEL DS-2DF8836IX-AELW DS-2DF8825IX-AEL DS-2DF8825IX-AELW DS-2DF8436IX-AEL DS-2DF8436IX-AELW DS-2DF8425IX-AEL DS-2DF8425IX-AELW DS-2DF8236IX-AEL DS-2DF8236IX-AELW DS-2DF8225IX-AEL DS-2DF8225IX-AELW DS-2DF8250I5X-AEL(W) DS-2DF8242IX-AEL(W) DS-2DF8442IXS-AEL(W)</p>	<p>DS-1660ZJ</p> <p>Parapet wall mount</p>	<p>DS-1604ZJ</p> <p>Wall mount</p>	<p>DS-1604ZJ-pole</p> <p>Vertical pole mount</p>
	<p>iDS-2VS235-F836</p>	<p>Hik white Aluminum alloy 180 × 950 × 800 mm 2900 g</p>	<p>Hik white Aluminum alloy 255 × 171 × 355.5 mm 2150 g</p>	<p>Hik white Aluminum alloy 170.7 × 261.8 × 355.5 mm</p>
	<p>DS-2DF8836I5X-AEL(W) DS-2DF8436I5X-AEL(W) DS-2DF8236I5X-AEL(W) DS-2DF8250I8X-AEL(W) DS-2DF8242I5X-AELW</p>			











Recommended brackets for Hikvision PTZ Dome Camera

Outdoor(only available for outdoor PTZ model)					
 	DS-2DF5232X-AEL DS-2DF5225X-AEL				
	DS-2DF7232IX-AEL DS-2DF7232IX-AELW DS-2DF7225IX-AEL DS-2DF7225IX-AELW	DS-1604ZJ-corner	DS-1604ZJ-box	DS-1604ZJ-BOX-POLE	DS-1604ZJ-BOX-CORNER
	DS-2DE7530IW-AE DS-2DE7430IW-AE DS-2DE7425IW-AE DS-2DE7330IW-AE DS-2DE7320IW-AE DS-2DE7232IW-AE DS-2DE7225IW-AE	Corner mount	Wall mount with junction box	Vertical pole mount with junction box	Wall mount with junction box
	DS-2DE7A225MX-AE DS-2DE7A232MX-AE	Hik white Aluminum alloy 206.8 × 261.8 × 465 mm	Hik white Aluminum alloy 281.2 × 170.7 × 395.5 mm	Hik white Aluminum alloy & steel 222 × 139.3 × 422 mm	Hik white Aluminum alloy & steel 255.5 × 314 × 542.5 mm
	DS-2DE7A245IX-AE/S1				
	DS-2DF6225X-AEL				
	DS-2DF8836IX-AEL DS-2DF8836IX-AELW DS-2DF8825IX-AEL DS-2DF8825IX-AELW DS-2DF8436IX-AEL DS-2DF8436IX-AELW DS-2DF8425IX-AEL DS-2DF8425IX-AELW DS-2DF8236IX-AEL DS-2DF8236IX-AELW DS-2DF8225IX-AEL DS-2DF8225IX-AELW DS-2DF8250IX-AEL(IW) DS-2DF8242IX-AEL(IW) DS-2DF8442IX-AEL(IW)	DS-1619ZJ	DS-1667ZJ	DS-1602ZJ	
	iDS-2VS235-F836	Gooseneck mount	Extendable pole for pendant mount	Wall mount	
	DS-2DF8836IX-AEL(IW) DS-2DF8436IX-AEL(IW) DS-2DF8236IX-AEL(IW) DS-2DF8250IX-AEL(IW) DS-2DF8242IX-AELW	Hik white Aluminum alloy 455.2 × 130.4 × 841.5 mm	Hik white Galvanized steel pipe 1500-2500 mm	Hik white Aluminum alloy 97 X 182 X 305 mm	







Recommended brackets for Hikvision PTZ Dome Camera

		Outdoor					
	DS-2DF8225IH-AEL(W)						
		DS-1604ZJ-P	DS-1663ZJ-P	DS-1660ZJ-P	DS-1661ZJ-P	DS-1667ZJ-P	DS-1682ZJ-P
	DS-2DF6A836X-AEL DS-2DF6A825X-AEL DS-2DF6A436X-AEL DS-2DF6A425X-AEL DS-2DF6A236X-AEL DS-2DF6A225X-AEL						
	DS-2DF8A425I(N)X-AEL DS-2DF8A436I(N)X-AEL DS-2DF8A825I(N)X-AEL DS-2DF8A836I(N)X-AEL DS-2DF8A442IXS-AEL	Platinum gray Aluminum alloy 255 × 171 × 355.5 mm 2150 g	Platinum gray Aluminum alloy Ø116.5 × 57 mm 380 g	Platinum gray Aluminum alloy 180 × 950 × 800 mm 2900 g	Platinum gray Aluminum alloy Ø116.5 × 200 mm 600 g	Platinum gray Galvanized steel pipe 1500-2500 mm	Platinum gray Aluminum alloy Ø 60 mm × 500 mm (Ø 2.36" × 19.69") 1050 g (2.31 lb.) Match up with pendant mount(DS-1661ZJ-P, DS-1662ZJ-P)






Recommended brackets for Hikvision PTZ Dome Camera





		Outdoor			
	DS-20F8225IH-AEL(W)				
		Pendant mount	Horizontal pole mount	Vertical pole mount	Corner mount
	DS-20F6A836X-AEL DS-20F6A825X-AEL DS-20F6A436X-AEL DS-20F6A425X-AEL DS-20F6A236X-AEL DS-20F6A225X-AEL	Platinum gray Aluminum alloy Ø116.5 × 500 mm 960 g	Platinum gray Steel(mounting board) & Stainless Steel(clamp) Diameter of clamp: Ø67-127mm Match up with pendant mount	Platinum gray Aluminum alloy 170.7 × 261.8 × 355.5 mm	Platinum gray Aluminum alloy 206.8 × 261.8 × 465 mm
	DS-20F8A425I(N)X-AEL DS-20F8A436I(N)X-AEL DS-20F8A825I(N)X-AEL DS-20F8A836I(N)X-AEL DS-20F8A442IXS-AEL				
		Wall mount with junction box	Wall mount with junction box	Vertical pole mount with junction box	
		Platinum gray Aluminum alloy 281.2 × 170.7 × 395.5 mm	Platinum gray Aluminum alloy & steel 255.5 × 314 × 542.5 mm	Platinum gray Aluminum alloy & steel 222 × 139.3 × 422 mm	









Recommended brackets for Hikvision PTZ Dome Camera

		Outdoor				
	DS-2DF9C245IH-DLW DS-2DF9C435IH-DLW DS-2DF9C245IHS-DLW DS-2DF9C435IHS-DLW					
		DS-1603ZJ-P	DS-1668ZJ-P	DS-1668ZJ(20)-P	DS-1603ZJ-Pole-P	DS-1619ZJ-HP2
		Wall mount	Pendant mount	Pendant mount	Vertical pole mount	Gooseneck mount
		Platinum gray Aluminum alloy 364.1 mm × 182.0 mm (14.3" × 7.2") 1400 g (3.09 lb.)	Platinum gray Steel Ø115 × 58 mm 620 g	Platinum gray Steel Ø 115 mm × 200 mm (4.53" × 7.87") 1150 g (2.54 lb.)	Platinum gray Aluminum alloy+steel 410.6 × 194 × 126.1 mm 2.5 kg	Platinum gray Stainless steel Ø 130 mm × 455 mm × 526 mm (5.12" × 17.91" × 20.71") 5200 g (12.46 lb.)









Recommended brackets for Hikvision PTZ Dome Camera

		Outdoor			
	DS-2DF5220S-D4 DS-2DF5220S-DE4/W				
		DS-1691ZJ	DS-1695ZJ	DS-1691ZJ-L	DS-1691ZJ-M
		Pendant mount	Integrated wall mount	Pendant mount	Pendant mount
		Hik white Aluminum alloy 84 × 124 × 335 mm 980 g	Hik white Aluminum alloy + Plastic 157 × 86 × 246 mm	Hik white Steel 124 × 84 × 1000 mm 2175 g	Hik white Steel 124 × 84 × 500 mm 1175 g










Recommended brackets for Hikvision PTZ Dome Camera				
	iDS-2PT9122IX-D/S Wall mount bracket included in the package	Outdoor		
				
		DS-2664ZJ-P Pendent mount Grey Aluminum alloy Ø203.5 × 217.4 mm	DS-2601ZJ-P Wall mounting racket Plastic with surface spray treatment Ø 203.5 mm × 227.9 mm (Included in the package)	DS-2665ZJ-P Base mounting bracket Plastic with surface spray treatment 178.7 mm × 126 mm × 57.2 mm

Recommended brackets for Hikvision PTZ Dome Camera							
 	DS-2DP1636ZIX-D/236 DS-2DP1636ZIX-D/236(B) DS-2DP0818ZIX-D/236(B) DS-2DP2427ZIXS-DE/436/T4 DS-2DP1618ZIXS-DE/436/T4 DS-2DP1618ZIXS-DE/440/T2 DS-2DP2427ZIXS-DE/440/T2 DS-2DP3236ZIXS-D/440/T2 DS-2DP6436ZIXS-D/836/T2	Outdoor					
							
		DS-1603ZJ-P Wall mount Platinum gray Aluminum alloy 364.1 mm × 182.0 mm [14.3" × 7.2"] 1400 g (3.09 lb.)	DS-1668ZJ-P Pendant mount Platinum gray Steel Ø115 × 58 mm 620 g	DS-1668ZJ(20)-P Pendant mount Platinum gray Steel Ø 115 mm × 200 mm [4.53" × 7.87"] 1150 g (2.54 lb.)	DS-1603ZJ-Pole-P Vertical pole mount Platinum gray Aluminum alloy+steel 410.6 × 194 × 126.1 mm 2.5 kg	DS-1619ZJ-HP2 Gooseneck mount Platinum gray Stainless Steel Ø 130 mm × 455 mm × 526 mm [5.12" × 17.91" × 20.71"] 5200 g (12.46 lb.)	DS-1603ZJ-Corner-P Corner mount Platinum gray Aluminum alloy, and Steel 473.1 mm × 194 mm × 176.1 mm [18.63" × 7.64" × 6.93"] 2920 g (6.44 lb.)

Recommended brackets for Hikvision PTZ Dome Camera


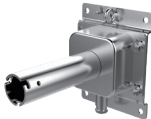



		Outdoor			
	DS-2DP0818Z-D DS-2DP1636Z-D				
		DS-1603ZJ	DS-1668ZJ	DS-1668ZJ(20)	DS-1673ZJ
		Wall mount	Pendant mount	Pendant mount	Horizontal pole mount
		Hik white Aluminum alloy 98 × 182 × 362 mm	Hik white Steel Ø115 × 58 mm 620 g	Hik white Steel Ø115 × 200 mm 1150 g	Hik white Steel(mounting board) & Stainless steel(clamp) Diameter of clamp: Ø67-127 mm 1060 g (2.34 lb.) Match up with pendant mount
					
		DS-1684ZJ	DS-1678ZJ	DS-1619ZJ-H2	
Vertical pole mount	Junction box	Gooseneck mount			
		Hik white Steel(mounting board) & Stainless steel(clamp) Diameter of clamp: Ø67-127 mm Match up with wall mount	Hik white Aluminum alloy 286 × 424 × 119.5 mm	Hik white Stainless steel Ø 130 mm × 455 mm × 526 mm (5.12" × 17.91" × 20.71") 5200 g (12.46 lb.)	

Recommended brackets for Hikvision PTZ Dome Camera


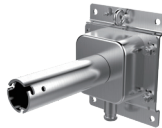



		Outdoor			
	DS-2DP1636-D				
		DS-1603ZJ	DS-2663ZJ	DS-1668ZJ	DS-1668ZJ(20)
		Wall mount	3-axis mount	Pendant mount	Pendant mount
		Hik white Aluminum alloy 98 × 182 × 362 mm	Hik white Aluminum alloy 275.8 × 269 × 140.1 mm 2600 g	Hik white Steel Ø115 × 58 mm 620 g	Hik white Steel Ø115 × 200 mm 1150 g
					
		DS-1673ZJ	DS-1684ZJ	DS-1678ZJ	DS-1619ZJ-H2
		Horizontal pole mount	Vertical pole mount	Junction box	Gooseneck mount
		Hik white Steel(mounting board) & Stainless steel(clamp) Diameter of clamp: Ø67-127 mm Match up with pendant mount	Hik white Steel(mounting board) & Stainless steel(clamp) Diameter of clamp: Ø67-127 mm Match up with Wall mount	Hik white Aluminum alloy 286 × 424 × 119.5 mm	Hik white Stainless steel Aluminum alloy Ø 130 mm × 455 mm × 526 mm (5.12" × 17.91" × 20.71") 5200 g (12.46 lb.)

Recommended brackets for Hikvision PTZ Dome Camera			
	DS-2DT6223-AELY DS-2DT6223W-AELY	Outdoor	
			
		DS-1696ZJ-Y Pendant mount	DS-1697ZJ-Y Wall mount
		Stainless steel 316L 160 × 160 × 342 mm 1890 g	Stainless steel 316L 136 × 212 × 326 mm 2300 g


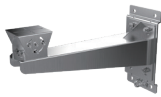
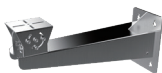




Recommended brackets for Hikvision PTZ Dome Camera				
	DS-2DF8236IX-AELWY	Outdoor		
				
		DS-1602ZJ-AKS Wall mount	DS-1604ZJ-B0X-Corner-Y Corner pole mount with junction box	DS-1604ZJ-B0X-Y Wall mount with junction box
		Hik white Alloy 97.3 mm × 182.6 mm × 306.4 mm (3.83" × 7.19" × 12.06") 960 g (2.12 lb.)	Hik white Alloy, SUS304 31.4 mm × 25.5 mm × 542.5 mm (12.36" × 10.06" × 21.36") 6976 g (15.38 lb.)	Hik white Alloy 281.2 mm × 170.7 mm × 395.5 mm (11.07" × 6.72" × 15.57") 2150 g (4.74 lb.)

Recommended brackets for Hikvision PTZ Dome Camera					
	DS-2DF6223-CX(W) Wall mount bracket included in the package	Outdoor			
					
		DS-1691ZJ-X Pendant mounting	DS-1690ZJ-X Wall mounting bracket	DS-1677ZJ-XS-1.0 (C2) Flexible conduit	DS-2780ZJ-X Explosion-proof terminal box
		Stainless steel 304L 250 mm × 200 mm × 303 mm 6 kg	SUS304 stainless steel 350 mm × 227.5 mm × 345.5 mm 7 kg (Included in the package)	NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm	stainless steel 272 mm × 272 mm × 96.8 mm 6.4 kg

Recommended brackets for Hikvision PTZ Dome Camera

		Outdoor			
	DS-2DF6223-CX(W/316L) Wall mount bracket included in the package				
		DS-1693ZJ-X	DS-1692ZJ-X	DS-1677ZJ-XS-1.0 (C2)	DS-2780ZJ-X/316L
		Pendant mounting	Wall mounting bracket	Flexible conduit	Explosion-proof terminal box
		Stainless steel 316L 250 mm × 200 mm × 303 mm 6 kg	SUS316L 350 mm × 200 mm × 345 mm 7 kg (Included in the package)	NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm	Stainless steel 272 mm × 272 mm × 96.8 mm 6.4 kg


Recommended brackets for Hikvision PTZ Dome Camera

		Outdoor					
	DS-2DB4223I-CX(WE)						
		DS-1707ZJ	DS-1707ZJ-E	DS-2780ZJ-X	DS-1708ZJ	DS-1677ZJ-XS-1.0 (D)	DS-1751ZJ
		Wall mount (304 stainless steel)	Wall mount (304 stainless steel)	Explosion-proof terminal box	PT joint	Flexible conduit	Vertical pole mount
		-	-	stainless steel 272 mm × 272 mm × 96.8 mm 6.4 kg	-	NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm	-






Recommended brackets for Hikvision PTZ Dome Camera					
	DS-2DB4223I-CX(WE/316L) DS-2DB4236I-CWX(WE/316L)	Outdoor			
					
		DS-1707ZJ-Y Wall mount [316L stainless steel] Unpainted stainless steel SUS316L 562.5 mm × 180 mm × 309 mm (22.15" × 7.09" × 12.17") 7.02 kg (15.48 lb.)	DS-1707ZJ-Y-E Wall mount [316L stainless steel] Unpainted stainless steel SUS316L 543.5 mm × 160 mm × 258 mm (21.40" × 6.30" × 10.16") 4.98 kg (10.98 lb.)	DS-2780ZJ-X/316L Explosion-proof terminal box Stainless steel 272 mm × 272 mm × 96.8 mm 6.4 kg	DS-1677ZJ-XS-1.0 (D) Flexible conduit NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm





Recommended brackets for Hikvision PTZ Dome Camera



DS-1682ZJ Extendable pole for pendant mount Hik white Aluminum alloy 500 mm Match up with pendant mount (DS-1661ZJ, DS-1662ZJ)





Recommended brackets for Hikvision PTZ Dome Camera

DS-1673ZJ Horizontal pole mount Hik white Steel (mounting board) & Stainless steel (clamp) Diameter of clamp: Ø67-127 mm Match up with pendant mount





Positioning System





Product form	Model	Relevant brackets and housings---Outdoor	
	DS-2DY9250IAX-A DS-2DY9236I8X-A DS-2DY9250IAX-A(S1)		
	DS-2DY9250IH-A	DS-1693ZJ Wall mount	DS-1678ZJ Junction box
	DS-2DY9250IX-A DS-2DY9236IX-A DS-2DY9250IX-A(S1)	Hik white Steel 190 × 200 × 500 mm 5700 g	Hik white Aluminum alloy 286 × 424 × 119.5 mm

Product form	Model	Relevant brackets and housings---Outdoor		
	PT bullet camera			
		DS-1280ZJ-M(SPTZ)	DS-1281ZJ-M(SPTZ)	DS-1275ZJ(SPTZ)
	DS-2DY3320IW-DE DS-2DY3220IW-DE	Junction box	Inclined ceiling mount	Pole mount
		Hik white Steel 157 x 53.4 x 184 mm 621 g	Hik white Steel 157 x 61.8 x 165.7 mm 586 g	Hik white Steel 250 x 127 x 140 mm

















Product form	Model	Outdoor
	PT bullet camera	
		DS-1275ZJ(SPTZ)
	DS-2DY3320IW-DE4 DS-2DY3220IW-DE4	Pole mount
		Hik white Steel 250 x 127 x 140 mm




Product form	Model	Relevant brackets and housings---Outdoor		
	Explosion-proof positioning system			
		DS-1713ZJ-Y (SUS316L)	DS-2780ZJ-X/316L	DS-1677ZJ-XS-1.0 (D)
	DS-2DY9236I-CWX(W/316L) Wall mount bracket included in the package	Wall mounting bracket	Explosion-proof terminal box	Flexible conduit
		Natural stainless steel color SUS316L Ø 270 mm × 479 mm × 235 mm (Ø 10.63" × 18.86" × 9.25") 7.1 kg (15.65 lb.) (Included in the package)	Stainless steel 272 mm × 272 mm × 96.8 mm 6.4 kg	NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm



Indoor housing						
Appearance	Model	Key Feature	Available Camera Models	Bracket Model		
	DS-1330HZ	Hik white Complex fiber 290×142×92 mm 640 g	DS-2CD4C16FWD-(A) P DS-2CD4C26FWD-(A) P DS-2CD4C36FWD-(A) P DS-2CD4026FWD-A/P DS-2CD5026G0-(AP) DS-2CD5046G0-(AP) DS-2CD5065G0-(AP) DS-2CD5085G0-(AP) DS-2CD50C5G0-(AP) DS-2CD7026G0 P -(AP) DS-2CD7046G0-(AP) DS-2CD7085G0-(AP)			
				DS-1293ZJ	DS-1299ZJ	DS-1269ZJ
				Wall mount	Pendant mount	Pendant mount
				Hik white Aluminum alloy 88 × 116.6 × 297.3 mm 473 g	Hik white Aluminum Alloy 77 × 77 × 198 mm 165 g	Hik white Aluminum alloy 493 × 246 × 88 mm 480 g











Indoor housing						
Appearance	Model	Key Feature	Available Camera Models	Bracket Model		
	DS-1332HZ	Hik white Aluminum alloy 288 × 149 × 100 mm 800 g	DS-2CD4C16FWD-(A) P DS-2CD4C26FWD-(A) P DS-2CD4C36FWD-(A) P DS-2CD4026FWD-A/P DS-2CD5026G0-(AP) DS-2CD5046G0-(AP) DS-2CD5065G0-(AP) DS-2CD5085G0-(AP) DS-2CD50C5G0-(AP) DS-2CD7026G0 P -(AP) DS-2CD7046G0-(AP) DS-2CD7085G0-(AP)			
				DS-1293ZJ	DS-1299ZJ	DS-1269ZJ
				Wall mount	Pendant mount	Pendant mount
				Hik white Aluminum alloy 88 × 116.6 × 297.3 mm 473 g	Hik white Aluminum Alloy 77 × 77 × 198 mm 165 g	Hik white Aluminum alloy 493 × 246 × 88 mm 480 g



Indoor housing








Appearance	Model	Key Feature	Available Camera Models	Bracket Model				
	DS-1331HZ-C	Hik white Aluminum alloy Containing fan DC12V IP66 110 × 165 × 445 mm 1900 g						
	DS-1331HZ-H	Hik white Aluminum alloy Containing fan and heater AC24V IP66 110 × 165 × 445 mm 1900 g		DS-1293ZJ	DS-1269ZJ	DS-1214ZJ	DS-1214ZJ-T	DS-1233ZJ
				Wall mount	Pendant mount	Horizontal pole mount	Horizontal pole mount	Column mount
	DS-1331HZ-HW	Hik white Aluminum alloy Containing fan, wiper and heater AC24V IP66 445 × 165 × 170 mm 2500 g	DS-2CD4C16FWD-(A)(P) DS-2CD4C26FWD-(A)(P) DS-2CD4C36FWD-(A)(P) DS-2CD4026FWD-A/P DS-2CD5026G0-(AP) DS-2CD5046G0-(AP) DS-2CD5065G0-(AP) DS-2CD5085G0-(AP) DS-2CD50C5G0-(AP) DS-2CD7026G0I/(P)-(AP) DS-2CD7046G0-(AP) DS-2CD7085G0-(AP)					
	DS-1331HZ-CI	Hik white Aluminum alloy Containing fan DC12V IP66 IK10 445 × 140 × 94 mm 1900 g						
	DS-1331HZ-HI	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 IK10 110 × 165 × 445mm 1900 g		DS-1232ZJ	DS-1232ZJ-T	DS-1275ZJ-SUS	DS-2204ZJ	
	DS-1331HZ-R	Hik white Aluminum alloy Containing Cooling module AC 110 to 240V IP66 490 × 169.4 × 100 mm 3200 g						
				Hik white Steel 126 x 103.5 x 83 mm 790	Hik white Steel 96 x 95 x 92.5 mm	Hik white Stainless Steel 127 × 46 × 250 mm Diameter of clamp: Ø67-127 mm 1205 g Match up with wall mount (DS-1293ZJ)	Hik white Aluminum alloy 413.5 × 228.7 × 120 mm 1859 g	






Outdoor housing								
Appearance	Model	Key Feature	Available Camera Models	Bracket Model				
	DS-4718HZ-K	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 174 × 153 × 550 mm 2500 g	DS-2CD4C16FWD-(A)(P) DS-2CD4C26FWD-(A)(P) DS-2CD4C36FWD-(A)(P) DS-2CD4026FWD-A/P DS-2CD5026G0-(AP) DS-2CD5046G0-(AP) DS-2CD5065G0-(AP) DS-2CD5085G0-(AP) DS-2CD50C5G0-(AP) DS-2CD7026G0(P)-(AP) DS-2CD7046G0-(AP) DS-2CD7085G0-(AP)	 DS-1293ZJ	 DS-1269ZJ	 DS-1214ZJ	 DS-1214ZJ-T	 DS-1275ZJ-SUS
				Wall mount	Pendant mount	Horizontal pole mount	Horizontal pole mount	Vertical pole mount
				Hik white Aluminum alloy 88 × 116.6 × 297.3 mm 473 g	Hik white Aluminum alloy 88 × 116.6 × 297.3 mm 473 g Hik white Aluminum alloy 493 × 246 × 88 mm 480 g	Hik white Steel (mounting board) & Stainless Steel (clamp) 117 × 226 × 194 mm Diameter of clamp: Ø67- 127 mm 1895 g	Hik white Steel (mounting board) & Stainless Steel (clamp)	Hik white Stainless Steel 127 × 46 × 250 mm



Outdoor housing				
Appearance	Model	Key Feature	Available Camera Models	Bracket Model
	DS-1340HZ	Three-axis adjustment Containing combined wires and fan IK10	DS-2CD4C16FWD-(A)(P) DS-2CD4C26FWD-(A)(P) DS-2CD4C36FWD-(A)(P) DS-2CD4026FWD-A/P DS-2CD5026G0-(AP) DS-2CD5046G0-(AP) DS-2CD5065G0-(AP) DS-2CD5085G0-(AP) DS-2CD50C5G0-(AP) DS-2CD7026G0(P)-(AP) DS-2CD7046G0-(AP) DS-2CD7085G0-(AP)	 DS-1275ZJ-4626 Vertical pole mount Hik white Steel (mounting board) & Stainless Steel (clamp) 127 × 46 × 250 mm 1235 g For 40 series box camera

Product form	Model	Recommended brackets for Hikvision Thermal Camera			
		Relevant brackets			
 	DS-2TD4137 DS-2TD4137T DS-2TD4167 DS-2TD4167T				
		DS-1604ZJ-pole	DS-1604ZJ-corner	DS-1604ZJ-box	DS-1604ZJ-BOX-POLE
		Vertical pole mount	Corner mount	Wall mount, including power box	Vertical pole mount with junction box
		Hik white Aluminum alloy 170.7 × 261.8 × 355.5 mm	Hik white Aluminum alloy 206.8 × 261.8 × 465 mm	Hik white Aluminum alloy 281.2 × 170.7 × 395.5 mm	Hik white Aluminum alloy & steel 222 × 139.3 × 422 mm
	DS-2TD4237/V2				
		DS-1604ZJ-BOX-CORNER	DS-1619ZJ	DS-1602ZJ	DS-1673ZJ
		Wall mount with junction box	Gooseneck mount	Wall mount	horizontal pole mount
		Hik white Aluminum alloy & steel 255.5 × 314 × 542.5 mm	Hik white Aluminum alloy 455.2 × 130.4 × 841.5 mm	Hik white Aluminum alloy 97×182×305 mm	Hik white Steel (mounting board) & Stainless Steel (clamp) Diameter of clamp: Ø67-127 mm Match up with DS-1661ZJ or DS-1662ZJ or DS-1663ZJ






Product form	Model	Recommended brackets for Hikvision Thermal Camera	
		Relevant brackets	
	DS-2TD6267-W DS-2TD6267T-W		
		DS-1693ZJ	
		Wall mount	
		Hik white Steel 190 × 200 × 500 mm 5700 g	






Product form	Model	Recommended brackets for Hikvision Thermal Camera					
		Relevant brackets					
	DS-2TD1217/PA						
		DS-1273ZJ-140	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1273ZJ-140B	DS-1271ZJ-140	DS-1280ZJ-DM21
	DS-2TD1117/PA	Wall mount	Vertical pole mount	Corner mount	Wall mount	Pendant Mount	Junction box
		Hik white Aluminum alloy 140×183.5×232mm 703g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Aluminum alloy with junction box 140×243×292mm 1488g	Hik white Aluminum alloy Φ150×565mm 1900g	Hik white Aluminum alloy 162×137×42mm 250g





Product form	Model	Recommended brackets for Hikvision Thermal Camera		
		Relevant brackets		
	DS-2TD2617/PA			
	DS-2TD2637/P DS-2TD2667/P			
		DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1260ZJ
				(shipped by default)
		Vertical pole mount	Corner mount	Junction box
	DS-2TD2117/PA	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1273ZJ-XX[B])	Hik white Stainless steel 126 X 105 X 250 mm 2280 g	Hik white Aluminum alloy Ø 88.5 mm × 36 mm (Ø 3.48" × 1.42") 251 g
	DS-2TD2137/P DS-2TD2167/P			










Product form	Model	Recommended brackets for Hikvision Thermal Camera
		Relevant brackets
	DS-2TD2137/PY DS-2TD2167/PY	
		Pole mount
		Anti-corrosion Hik white Stainless Steel 127×250×Ø167mm











Product form	Model	Recommended brackets for Hikvision Thermal Camera
		Relevant brackets
	DS-2TD2367/P	
		Vertical pole mount
		Hik white Steel 157 × 240 × Ø200 mm







Product form	Model	Recommended brackets for Hikvision Thermal Camera			
		Relevant brackets			
	DS-2TX3742-A/P				
		(shipped by default with 'A')		(shipped by default with 'P')	(shipped by default with 'P')
		Wall mount	Vertical pole mount	Horizontal pole mount	Vertical pole mount
	DS-2TX3742-P/P	Hik white Stainless steel 259 × 396 × 119 mm	Hik white Stainless steel 70 × 38 mm	Hik white Stainless steel 118 × 194 × Ø200 mm	Hik white Aluminum alloy Ø116.5-57 mm





Product form	Model	Recommended brackets for Hikvision Thermal Camera			
		Relevant brackets			
	DS-2TD2466T-X				
		DS-1707ZJ-Y	DS-2780ZJ-X/316L	DS-1677ZJ-XS-1.0 (D)	DS-1751ZJ
		(shipped by default)			
		Wall mount (316L stainless steel)	Explosion-proof terminal box	Flexible conduit	Vertical pole mount
		Unpainted stainless steel SUS316L 562.5 mm × 180 mm × 309 mm (22.15" × 7.09" × 12.17") 7.02 kg (15.48 lb.)	Stainless steel 272 mm × 272 mm × 96.8 mm 6.4 kg	NBR, braided steel wire, carbon steel Ø25 mm × 1000 mm	Stainless steel 221 × 350 × Ø200 mm

Product form	Model	Recommended brackets for Hikvision Thermal Camera		
		Relevant brackets		
	DS-2TD3017T			
		DS-1299ZJ	DS-1297ZJ-ES	DS-2920ZJ
		Wall / Roof mount	Roof mount (Elastic)	Ball hinge bracket
		Hik white Aluminum Alloy 77×77×198mm 165g	Hik White Aluminum Alloy Ø 97 mm × 270 mm to 400 mm (Ø 3.82" × 10.63" to 15.75") 500 g (extendable)	Black Aluminum Alloy Ø 50mm × 56.5 mm 90 g

Product form	Model	Recommended brackets for Hikvision Thermal Camera			
		Relevant brackets			
	DS-2TD1217B/PA				
		DS-1273ZJ-140	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1273ZJ-140B
		Wall mount	Vertical pole mount	Corner mount	Wall mount
		Hik white Aluminum alloy 140×183.5×232mm 703g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Aluminum alloy with junction box 140×243×292mm 1488g
					
		DS-1271ZJ-140	DS-1280ZJ-DM21	DS-2908ZJ	DS-2907ZJ
		Pendant Mount	Junction box	Turret-Tripod adapter	Tripod
		Hik white Aluminum alloy Ø150×565mm 1900g	Hik white Aluminum alloy 162×137×42mm 250g	UNC 1/4"-20 Tripod connection	UNC 1/4"-20 Tripod connection

Product form	Model	Recommended brackets for Hikvision Thermal Camera			
		Relevant brackets			
	DS-2TD2617B/PA				
		DS-1260ZJ (shipped by default)	DS-1276ZJ-SUS	DS-2909ZJ	DS-1275ZJ-Y
		Junction box	Corner mount	Bullet-Tripod adapter	Vertical pole mount
		Hik white Aluminum alloy Ø88.5 mm	Hik white Stainless steel 158X173mm	UNC 1/4"-20 Tripod connection	Anti-corrosion Hik white Stainless steel 127×250×Ø167mm (use without junction box)
	DS-2TD2637B/P DS-2TD2636B/P				
		DS-1275ZJ-SUS	DS-1276ZJ-Y	DS-2921ZJ-S	DS-2907ZJ
		Vertical pole mount	Corner mount	Pendant Mount	Tripod
		Hik white Stainless steel 127×250×Ø167mm (use without junction box)	"Anti-corrosion Hik white Stainless steel 126×250×105mm"	Hik white Aluminum alloy Extendible, 0.6m - 1.2m	UNC 1/4"-20 Tripod connection

Product form	Model	Recommended brackets for Hikvision Thermal Camera				
		Relevant brackets				
	DS-2TE127-G4A					
		DS-1293ZJ-T	DS-1297ZJ	DS-2921ZJ-S	DS-2921ZJ-M	DS-2922ZJ
		Wall Mount	Pendant mount	Pendant Mount	Pendant Mount	Column Mount
		Hik white Aluminum alloy Ø88.5 mm	Hik white Aluminum alloy Ø120x2000mm 1035 g (2.28 lb.) Extendable Range 1.2 m to 2.0 m	Hik white Aluminum alloy Extendible, 0.6m - 1.2m	Hik white Aluminum alloy Extendible, 1.2m - 2.4m	Hik white Aluminum alloy Extendible, 1.4m - 2.4m


Product form	Model	Recommended brackets for Hikvision Thermal Camera		
		Relevant brackets		
	DS-2TP21B-6AVF/W			
		DS-3750DC	DS-5202ZC	DS-2907ZJ
		Handheld Battery	Charger Base with adapter	Tripod
				UNC 1/4"-20 Tripod connection

Power Adaptor




Power adaptor	Detail	Available Models
DC12V 1A Hikvision Brand	DS-2FA1201-DL,12V/1A,American standard,Ø2.1	Most IPC, analog camera and DS-2DE3/2xxx series mini PTZ models
	DS-2FA1201-DL,12V/1A,European standard,Ø2.1	
	DS-2FA1201-DL,12V/1A,Indian standard,Ø2.1	
DC12V 1A Hikvision Brand	ADS-12FG-12N 12012EPG,12V/1A,European standard,Two-wire, WHITE PACKAGE	Most IPC, analog camera and DS-2DE3/2xxx series mini PTZ models WHITE PACKAGE model is recommended for selling power adaptor alone, normal model is recommended for selling power adaptor with camera.
	ADS-12FG-12N 12012EPG,12V/1A,European standard,Ø2.1, WHITE PACKAGE	
	ADS-12FG-12N 12012EPCU,12V/1A,American standard,Two-wire, WHITE PACKAGE	
	ADS-12FG-12N 12012EPCU,12V/1A,American standard,Ø2.1, WHITE PACKAGE	
	ADS-12FG-12N 12012EPB,12V/1A,British standard,Two-wire, WHITE PACKAGE	
	ADS-12FG-12N 12012EPB,12V/1A,British standard,Ø2.1, WHITE PACKAGE	
DC12V 1.5A	MSA-C1500IC12.0-18P-US, DC12V/1.5A, American standard plug, Ø2.1	-
	MSA-C1500IC12.0-18P-DE, DC12V/1.5A, European standard plug, Ø2.1	
	MSA-C1500IC12.0-18P-GB, DC12V/1.5A, British standard plug, Ø2.1	
DC12V 2A	ADS-12FG-12N 12012EPCU,12V/1A,American standard,Ø2.1, WHITE PACKAGE	
	ADS-12FG-12N 12012EPB,12V/1A,British standard,Two-wire, WHITE PACKAGE	
	MSA-C2000IC12.0-24P-US,American standard,12V2A,Ø2.1	
Waterproof	DS-2PA1201-WRD, 12 VDC/1 A, Wall Mount	
SMPS	DS-2FA1225-D4(EUR), 4 Channels, 12 VDC/1 A per channel, European standard	
	DS-2FA1225-D4(IND), 4 Channels, 12 VDC/1 A per channel, Indian standard	
	DS-2FA1225-D4(UK), 4 Channels, 12 VDC/1 A per channel, British standard	
	DS-2FA1205-D8(EUR), 8 Channels, 12 VDC/1 A per channel, European standard	
	DS-2FA1205-D8(IND), 8 Channels, 12 VDC/1 A per channel, Indian standard	
	DS-2FA1205-D8(UK), 8 Channels, 12 VDC/1 A per channel, British standard	

Network Camera PTZ Dome Camera Panoramic Camera Explosion-Proof & Anti-Corrosion Series NVR Network Storage Center Thermal Commercial Display Decoder Video Wall Controller Software Accessories DORI Distance

Camera tester

	<p>IPC-4300H</p>	<p>Network camera tester, 4.3" Screen, with ANSI/EN/BS/AS power supply, Support IP/CVBS/TV(AHD/CVI) input</p>
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Pickup

	<p>DS-2FP2020</p>	<p>Pickup range: 70 sq.m, Audio transmission distance: 3000 m, Frequency response: 20 Hz to 20 KHz, SNR: 60 dB(1m40 dB audio tone SPL) 40 dB (10m 40 dB audio tone SPL) 1 KHz at 1 Pa, Dynamic Range: 70 dB(1 KHz at Max dB SPL)</p>
	<p>DS-2FP4021-B</p>	<p>Pickup Scope: 60 m2 / continuously adjustable, Gain Adjustment Scope: 30 dB / continuous, Pickup Direction: Full Directions / 360°, Frequency Response: 100 Hz to 16 KHz(1 kHz @ 94 dB SPL), Dynamic Range: 85 dB, Output Impedance: 600 Ohm unbalanced</p>
	<p>DS-2FP2020</p>	<p>Pickup range: 70 sq.m, Audio transmission distance: 3000 m, Frequency response: 20 Hz to 20 KHz, SNR: 60 dB(1m40 dB audio tone SPL) 40 dB (10m 40 dB audio tone SPL) 1 KHz at 1 Pa, Dynamic Range: 70 dB(1 KHz at Max dB SPL)</p>

DORI Distance (D/O/R/I)

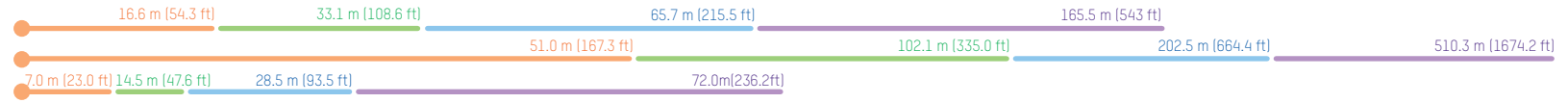
NETWORK CAMERA

DeepinView Series

Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

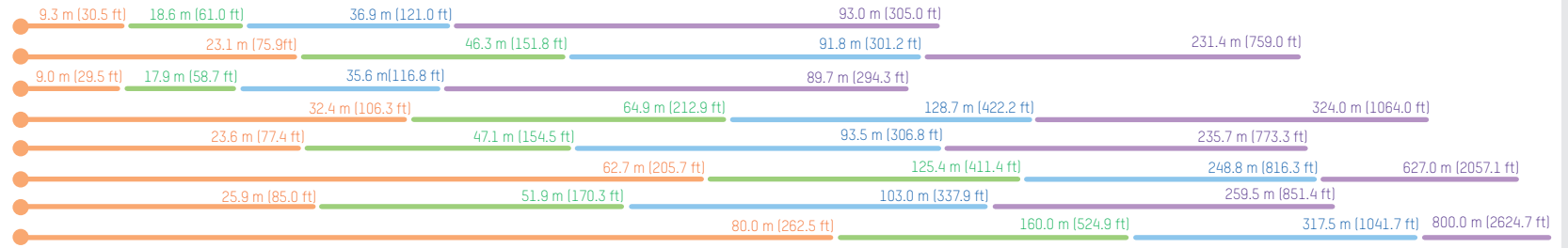
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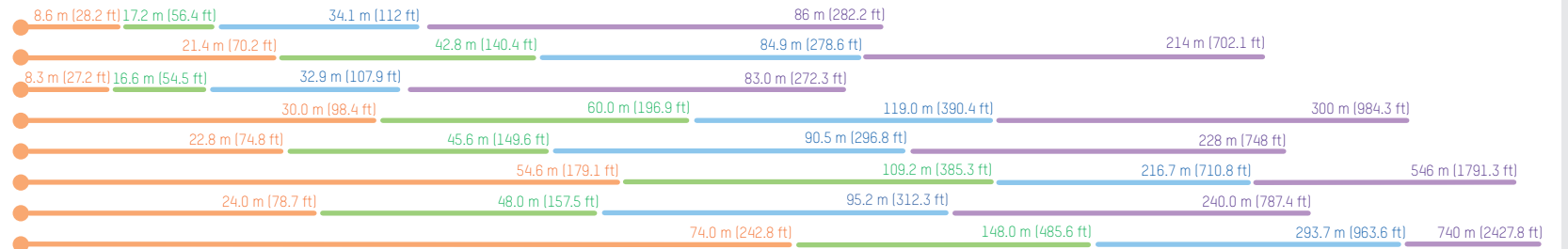
iDS-2CD8C4660P-XZS(10-50/4)



iDS-7XC560 Series



iDS-7X8660 Series



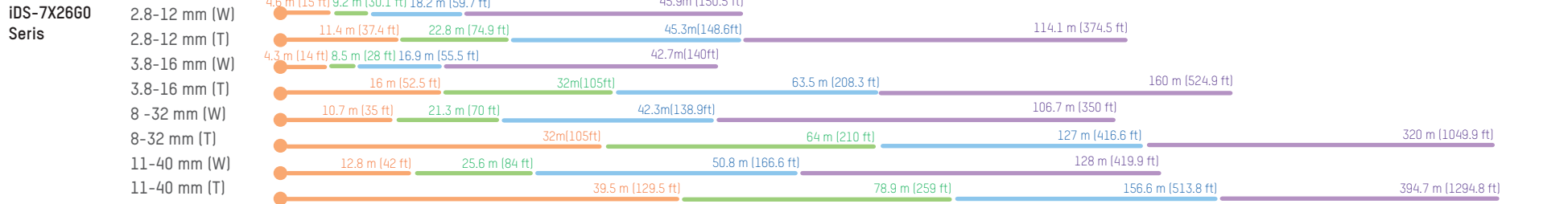
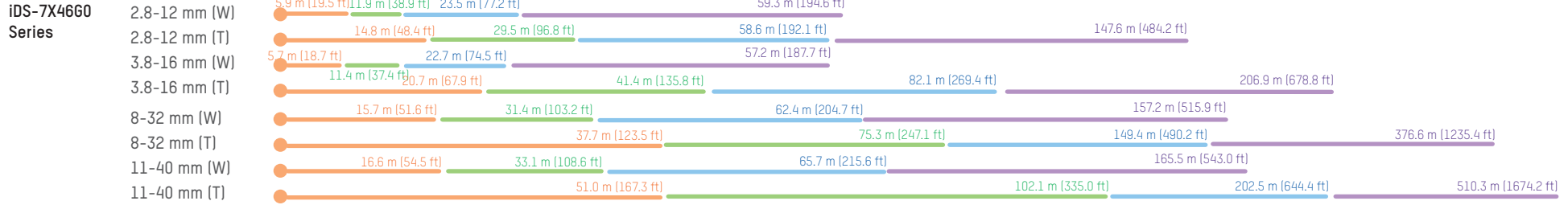
Find the Optimal Camera for Your Individual Security Needs

DORI Distance (D/O/R/I)

- Detect: 25 ppm
- Observe: 63 ppm
- Recognize: 125 ppm
- Identify: 250 ppm

NETWORK CAMERA

DeepinView Series



Find the Optimal Camera for Your Individual Security Needs

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DORI Distance (D/O/R/I)

- Detect: 25 ppm
- Observe: 63 ppm
- Recognize: 125 ppm
- Identify: 250 ppm

NETWORK CAMERA

Ultra Series



Find the Optimal Camera for Your Individual Security Needs

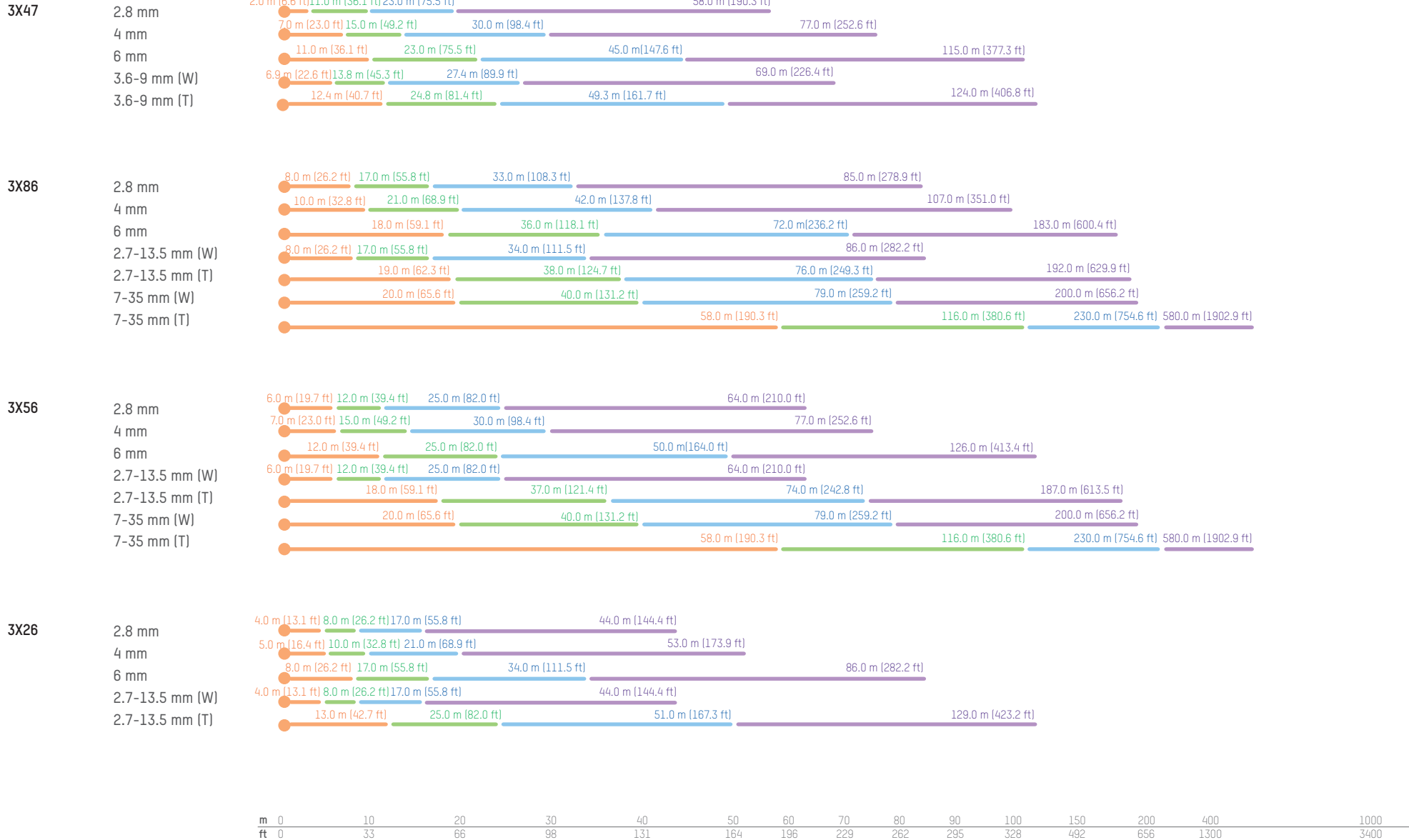
The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

NETWORK CAMERA

Ultra Series

DORI Distance (D/O/R/I)

- Detect: 25 ppm
- Observe: 63 ppm
- Recognize: 125 ppm
- Identify: 250 ppm



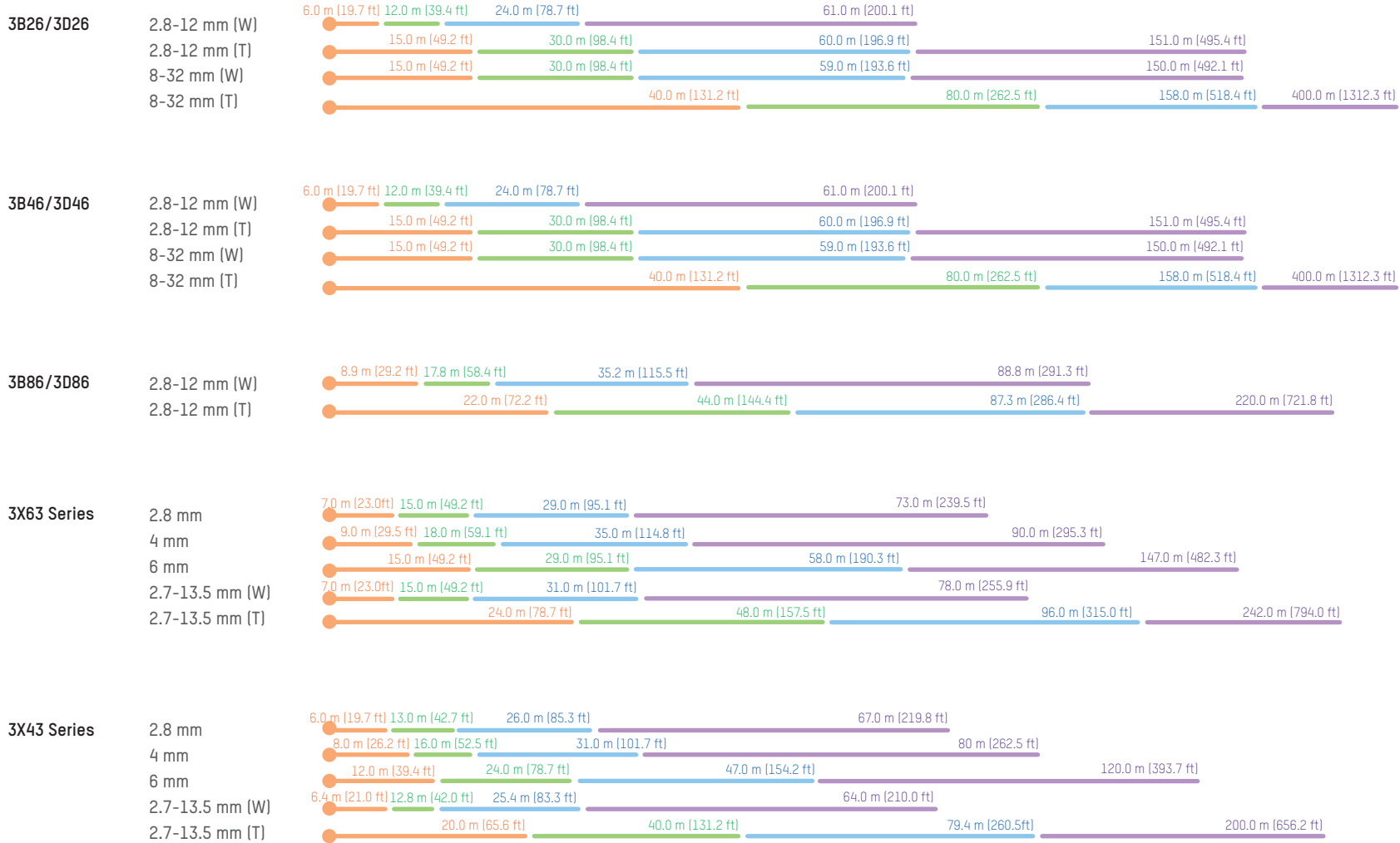
Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a “general proximity” of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

NETWORK CAMERA

DORI Distance (D/O/R/I)

- Detect: 25 ppm
- Observe: 63 ppm
- Recognize: 125 ppm
- Identify: 250 ppm



Find the Optimal Camera for Your Individual Security Needs

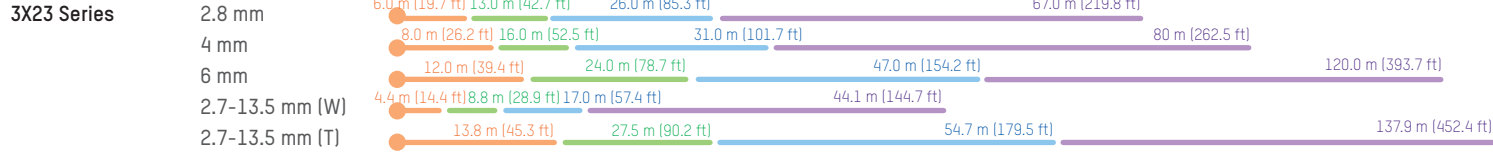
The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

DORI Distance (D/O/R/I)

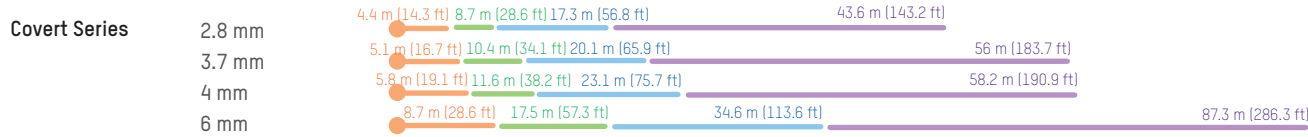
- Detect: 25 ppm
- Observe: 63 ppm
- Recognize: 125 ppm
- Identify: 250 ppm

NETWORK CAMERA

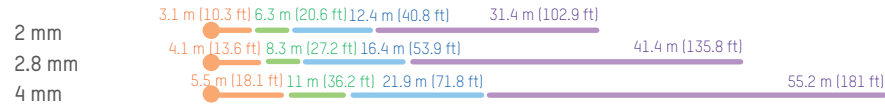
Ultra Series



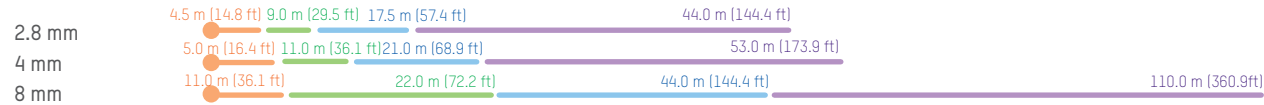
Special Series



Underwater Series

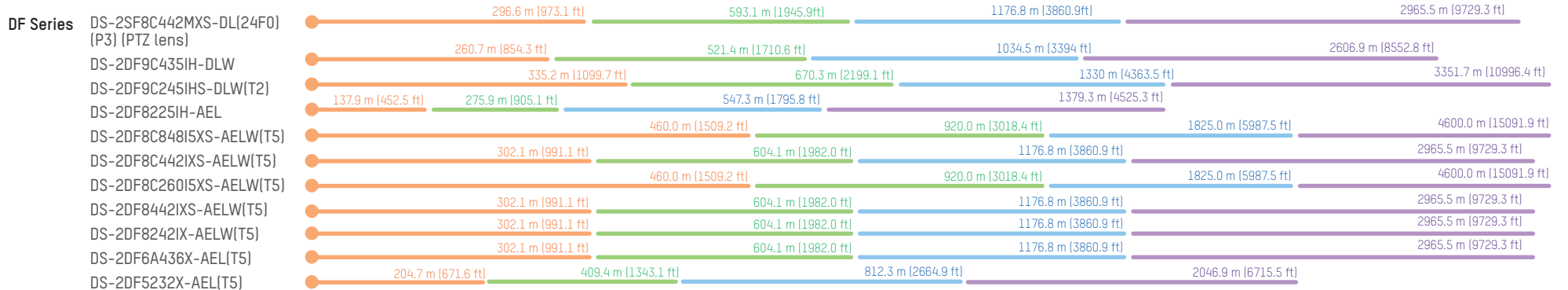


Solar-Powered Standalone Security Station



PTZ

Ultra Series



Find the Optimal Camera for Your Individual Security Needs

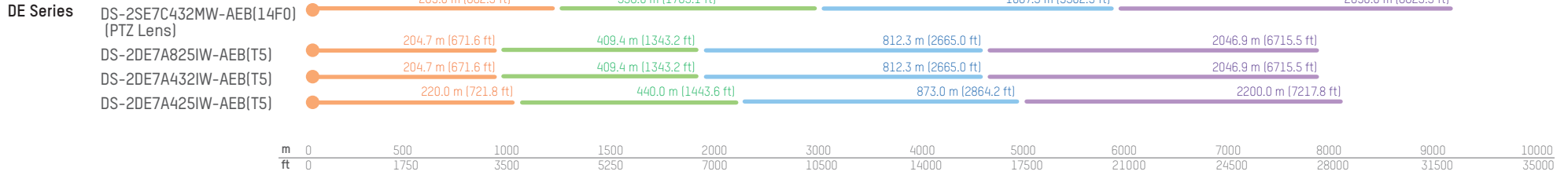
The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

DORI Distance (D/O/R/I)

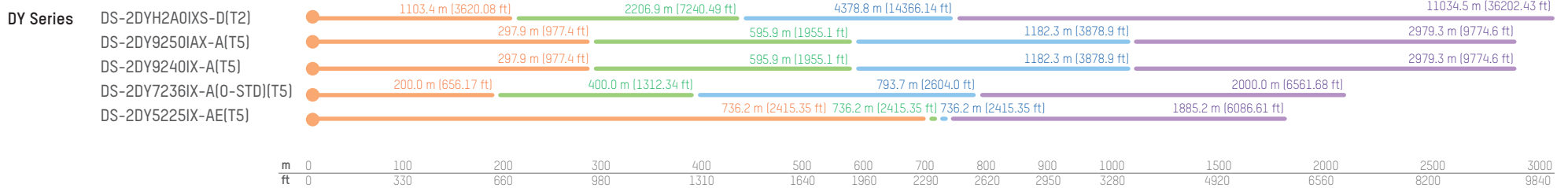
- Detect: 25 ppm
- Observe: 63 ppm
- Recognize: 125 ppm
- Identify: 250 ppm

PTZ

Pro Series

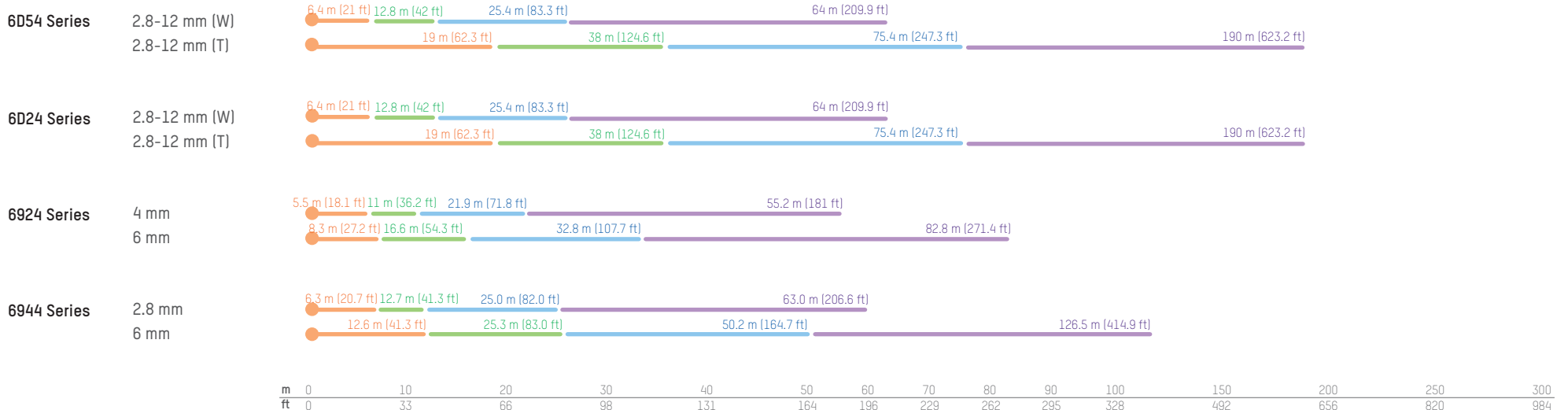


Positioning System



PANORAMIC CAMERA

PanoVu



Find the Optimal Camera for Your Individual Security Needs

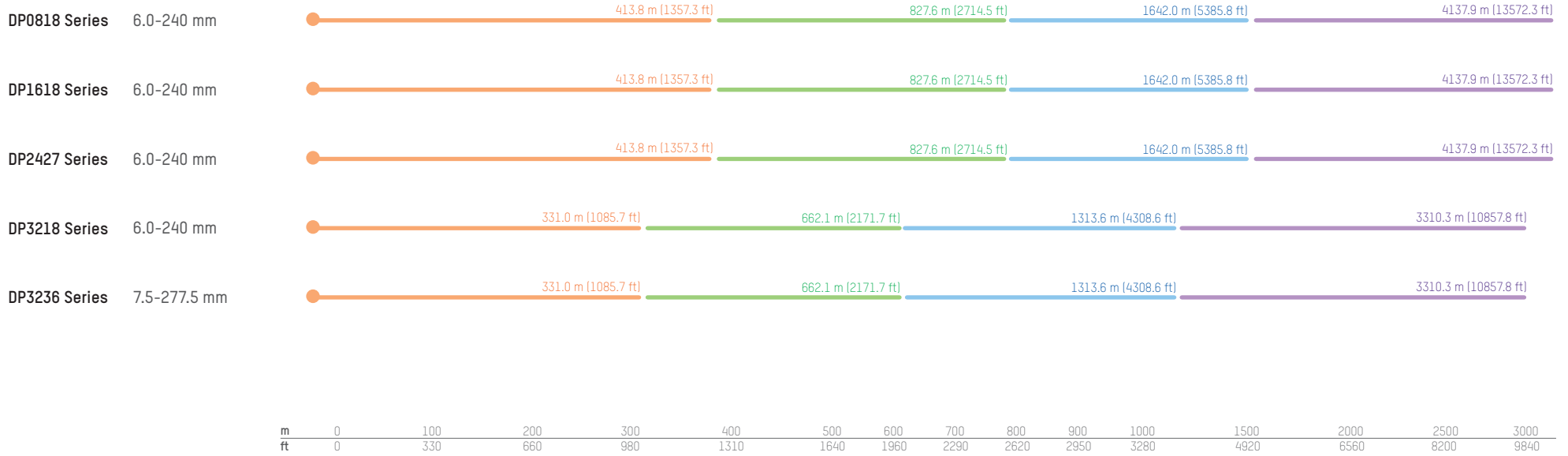
The DORI distance is a “general proximity” of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

DORI Distance (D/O/R/I)

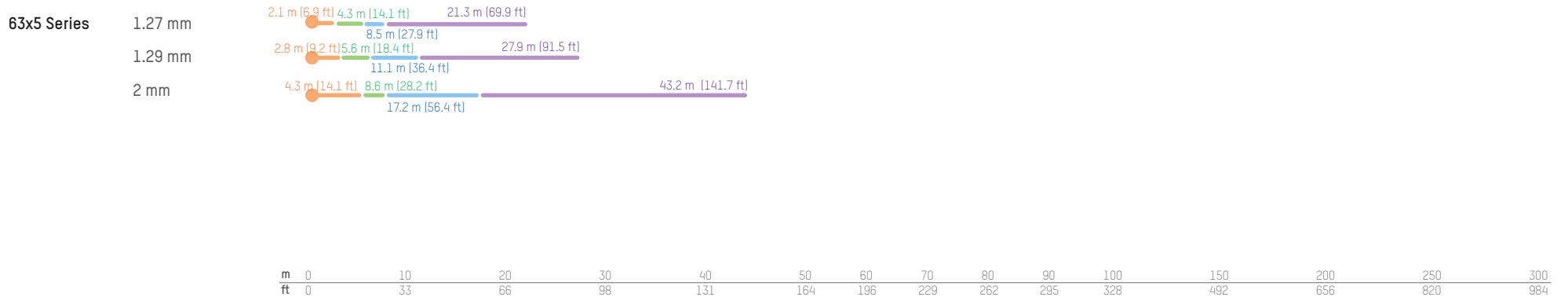
- Detect: 25 ppm
- Observe: 63 ppm
- Recognize: 125 ppm
- Identify: 250 ppm

PANORAMIC CAMERA

PanoVu



Fisheye



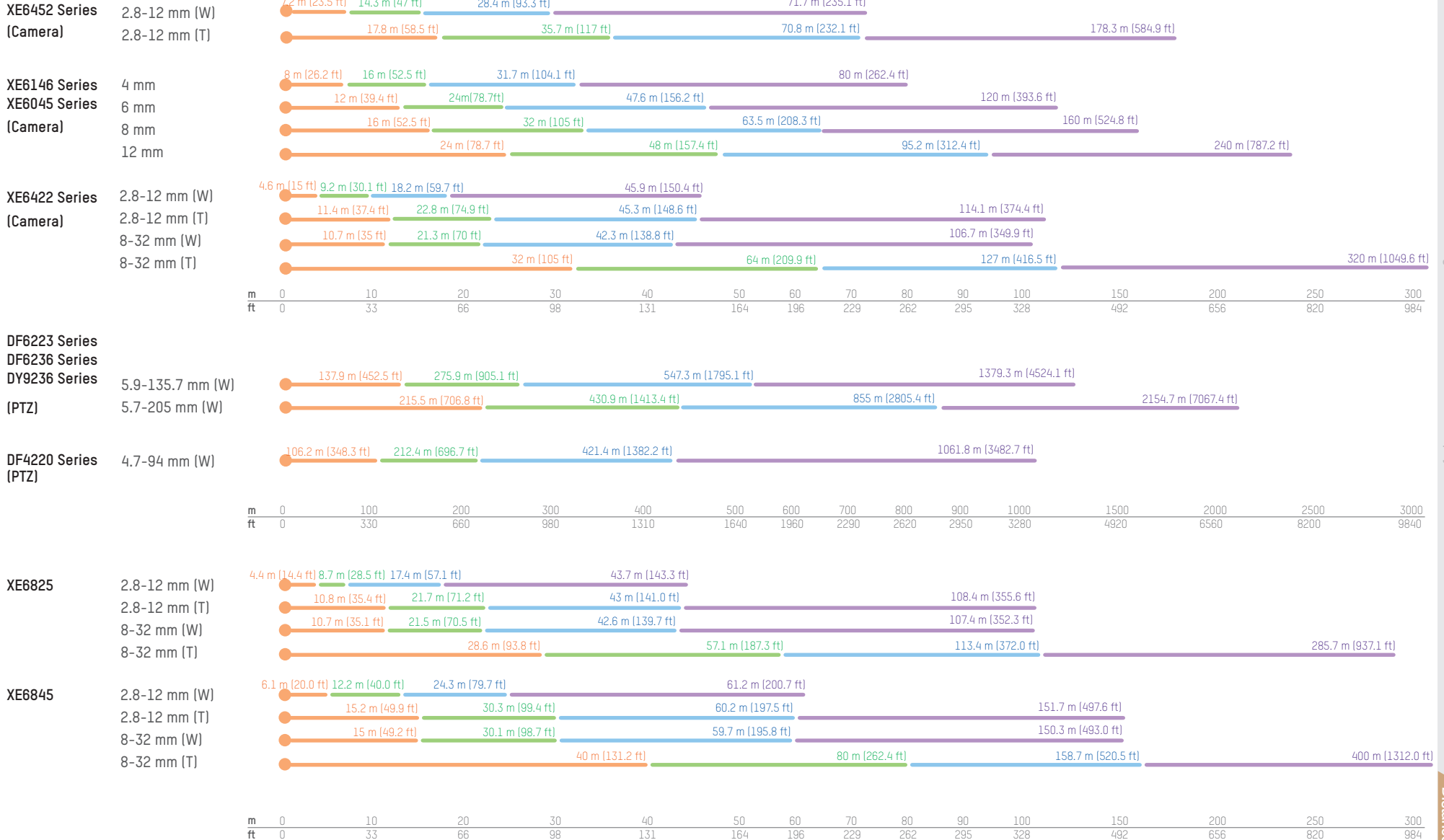
Find the Optimal Camera for Your Individual Security Needs

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DORI Distance (D/O/R/I)

- Detect: 25 ppm
- Observe: 63 ppm
- Recognize: 125 ppm
- Identify: 250 ppm

EXPLOSION-PROOF & ANTI-CORROSION



Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

DORI Distance (D/O/R/I)

- Detect: 25 ppm
- Observe: 63 ppm
- Recognize: 125 ppm
- Identify: 250 ppm

EXPLOSION-PROOF & ANTI-CORROSION

Anti-Corrosion Series Series



The DRI (Detection Recognition Identification) is defined in terms of the number of pixels on the object depend on a common standard, Johnson's criteria [http://en.wikipedia.org/wiki/Johnson's_criteria].

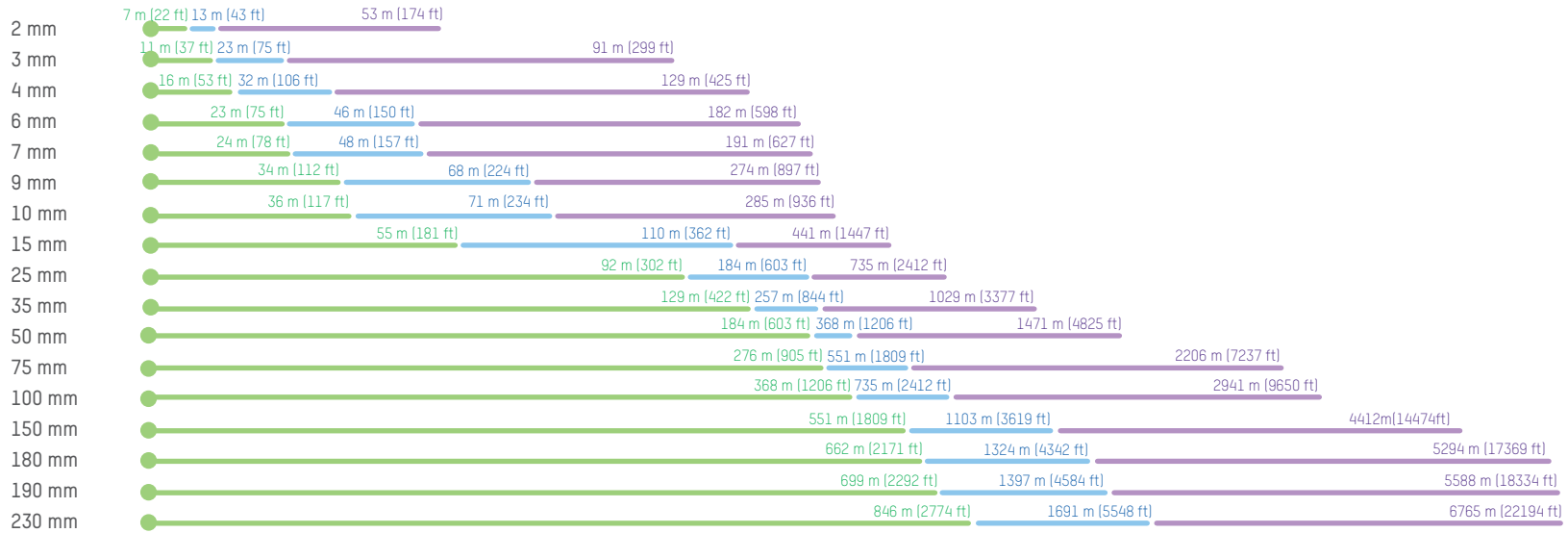
DORI Distance (D/O/R/I)

- Detection distance
- Recognition distance
- Identification distance

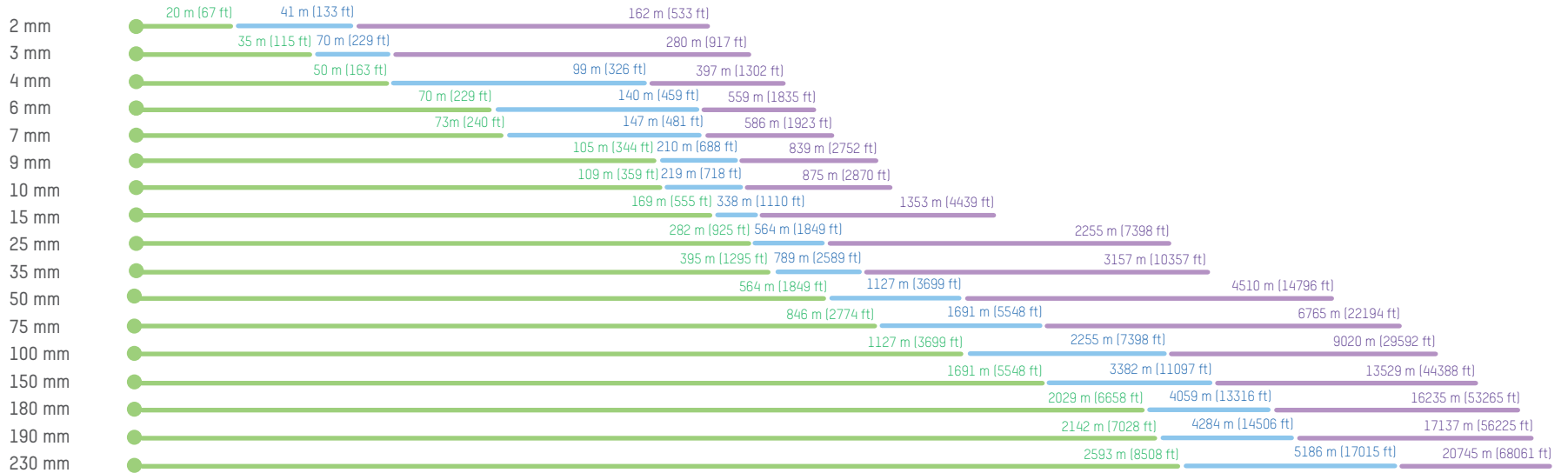
THERMAL

DS-2TDxxx7

Human (1.8x0.5m)



Vehicle (1.4x4.0m)



m	0	20	40	60	80	100	180	420	800	1000	1500	2000	4000	5000	15000
ft	0	66	132	196	262	328	588	1374	2620	3280	4920	6560	13120	16400	49200

The DRI (Detection Recognition Identification) is defined in terms of the number of pixels on the object depend on a common standard, Johnson's criteria [http://en.wikipedia.org/wiki/Johnson's_criteria].

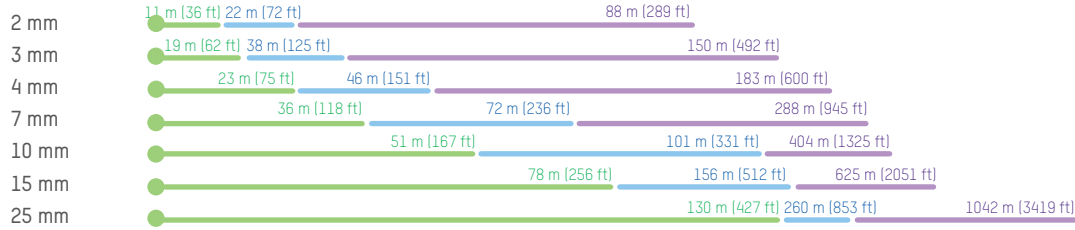
DORI Distance (D/O/R/I)

- Detection distance
- Recognition distance
- Identification distance

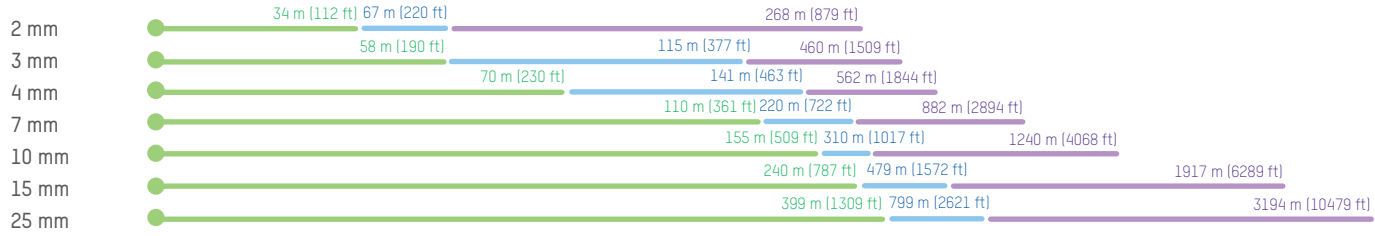
THERMAL

DS-2TDxxx8

Human (1.8x0.5m)



Vehicle (1.4x4.0m)





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CCTV PROJECT PRODUCTS

2021 H2

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