

iDS-2CD7A46G2/P-IZHS(Y)(/5G) 4MP DeepinView ANPR Moto Varifocal Bullet Camera















Hikvision has been dedicated to develop products with security since established.

Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection. In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security protection capability and protect your devices as well as your data from malicious cyber attacks.

- High quality imaging with 4 MP resolution
- Excellent low-light performance via DarkFighter 2.0 technology
- Clear imaging against strong back light due to 150 dB AWDR technology
- Efficient H.265+ compression technology to save bandwidth and storage
- 5 streams to meet a wide variety of applications
- Water and dust resistant (IP67), vandal proof (IK10) and corrosi on resistant (NEMA 4X, optional)
- High frame rate, up to 2MP@120fps and 4MP@60fps
- Built-in heater to ensure clear image under rainy or snowy weather
- Built-in G-sensor for vibration detection
- Built-in power meter for historical power statistics
- License plate recognition and vehicle attribution recognition



Function

Perimeter Protection

With embedded deep learning based target detection and classification algorithms, the camera carries out the duty of perimeter protection, monitoring the actions of line crossing, intrusion, region entrance, and region exiting. The algorithms greatly filter out the mistaken alarm caused by the interference of leafs, lights, animal, flag, etc.

Road Traffic and Vehicle Detection

With embedded deep learning based license plate capture and recognition algorithms, the camera alone can achieve plate capture and recognition. The algorithm enjoys the high recognition accuracy of common plates and complex-structured plates, which is a great step forward comparing to traditional algorithms. Blocklist and allowlist are available for plate categorization and separate alarm triggering.



Specification

Camera					
	1/1 O'll Dwagwaggiva Coam CMOC				
Image Sensor	1/1.8" Progressive Scan CMOS				
Max. Resolution	2688 × 1520				
Min. Illumination	Color: 0.0005 Lux @ (F1.2, AGC ON),B/W: 0.0001 Lux @ (F1.2, AGC ON),B/W: 0 Lux				
	with IR				
Shutter Time	1 s to 1/100,000 s				
Day & Night	IR cut filter,				
, 0	Blue glass module (less ghost phenomenon)				
Lens					
	2.8 to 12 mm, horizontal FOV 106° to 41.8°, vertical FOV 55.4° to 23.6°, diagonal FOV				
	130° to 48.1°				
Focal Length & FOV	8 to 32 mm, horizontal FOV 42.5° to 15.2°, vertical FOV 23.4° to 8.7°, diagonal FOV				
Total Length & TOV	49.7° to 17.3°				
	6 to 132 mm, horizontal FOV 59.5° to 3.7°, vertical FOV 35.9° to 2.1°, diagonal FOV				
	66.5° to 4.3°				
Focus	Auto,Semi-auto,Manual				
Iris Type	P-iris				
Aperture	2.8 to 12 mm: F1.38 to F2.53, 8 to 32 mm: F1.7 to F1.73, 6 to 132 mm: F1.6 to F4.1				
DORI					
	Wide:				
	2.8 to 12 mm: D (Detect): 60 m, O (Observe): 23.8 m, R (Recognize): 12 m, I (Identify):				
	6 m				
	8 to 32 mm: D (Detect): 150.3 m, O (Observe): 59.7 m, R (Recognize): 30.1 m, I				
	(Identify): 15 m				
	6 to 132 mm: D (Detect): 93.8 m, O (Observe): 37.2 m, R (Recognize): 18.8 m, I				
	(Identify): 9.4 m				
	Tele:				
DORI	2.8 to 12 mm: D (Detect): 151.7 m, O (Observe): 60.2 m, R (Recognize): 30.3 m, I				
	(Identify): 15.2 m				
	8 to 32 mm: D (Detect): 400 m, O (Observe): 158.7 m, R (Recognize): 80 m, I (Identify):				
	40 m				
	6 to 132 mm: D (Detect): 1655.2 m, O (Observe): 656.8 m, R (Recognize): 331.0 m, I				
	(Identify): 165.5 m				
	The DORI values are calculated using pixel densities for different use cases as				
	recommended by the EN 62676-4 standard.				
Illuminator					
Supplement Light Type	IR				
Supplement Light Range	2.8 to 12 mm: Monitoring: 60 m; 8 to 32 mm: Monitoring: 100 m; 6 to 132 mm:				
	Monitoring: 200 m				
Smart Supplement Light	Yes				
IR Wavelength	850 nm				



Video			
	Monitoring mode:		
Main Stream	50 Hz: up to 50 fps (2688 × 1520, 1280 × 720), up to 100 fps (1920 × 1080)		
	60 Hz: up to 60 fps (2688 × 1520, 1280 × 720), up to 120 fps (1920 × 1080)		
	*High frame rate is supported under monitoring mode only.		
	smart mode:		
	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)		
	60 Hz: 30 fps (2688×1520, 1920×1080, 1280×720)		
	50 Hz: 25 fps (1280 × 720, 704 × 576, 640 × 480)		
Sub-Stream	60 Hz: 30 fps (1280 × 720, 704 × 480, 640 × 480)		
Thind Change	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480)		
Third Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)		
Facuath Characa	50 Hz: 25 fps (704 × 576,640 × 480)		
Fourth Stream	60 Hz: 30 fps (704 × 480, 640 × 480)		
Fifth Character	50 Hz: 25 fps (704 × 576, 640 × 480)		
Fifth Stream	60 Hz: 30 fps (704 × 480, 640 × 480)		
	Main stream: H.265+/H.265/H.264+/H.264,		
	Sub-stream: H.265/H.264/MJPEG,		
Video Compression	Third stream: H.265/H.264,		
	Fourth stream: H.265/H.264/MJPEG,		
	Fifth stream: H.265/H.264/MJPEG		
Video Bit Rate	32 Kbps to 8 Mbps		
H.264 Type	Baseline Profile, Main Profile, High Profile		
H.265 Type	Main Profile		
Bit Rate Control	CBR,VBR		
Scalable Video Coding (SVC)	H.264 and H.265 encoding		
Region of Interest (ROI)	4 fixed regions for each stream		
Target Cropping	Yes		
e-PTZ	Support Patrol and Auto Tracking settings		
Audio			
Audio Type	Mono sound		
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC		
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps		
Audio bit rate	(MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)		
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz		
Environment Noise Filtering	Yes		
Network			
	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, SRTP, RTP, RTSP, RTCP,		
Protocols	PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour,		
	SSL/TLS, ARP, WebSocket, WebSockets		
Simultaneous Live View	Up to 20 channels		
API	ISAPI,SDK,ISUP,OTAP,ONVIF (ProfileS, ProfileG, ProfileT, ProfileM)		
Usor/Host	Up to 32 users		
User/Host	3 user levels: administrator, operator, and user		



	December of protection complicated accounted LITTIC accounting COS (AV and 1997)			
	Password protection, complicated password, HTTPS encryption, 802.1X authentication			
Cocurity	(EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest			
Security	authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network			
	Video Interface, RTP/RTSP OVER HTTPS, Control Timeout Settings, Security Audit Log, TLS 1.2, TLS 1.3, TPM 2.0 (FIPS 140-2 level 2), AES128/256			
Notwork Storago	NAS (NFS, SMB/CIFS),Auto Network Replenishment (ANR),			
Network Storage	Together with high-end Hikvision memory card, memory card encryption and health detection are supported.			
Client	· ·			
Client	iVMS-4200,Hik-Connect,Hik-Central			
NA/ala Duanna	Plug-in required live view: IE 10, IE 11,			
Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Safari 11+,			
	Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+			
Mobile Communication				
Standard	-5G: 5G NR/LTE-FDD/LTE-TDD			
	-5G:			
Frequency	5G NR: n41/n77/n78/n79			
	LTE-FDD: B1/B3/B5/B8			
	LTE-TDD: B38/39/B40/B41			
SIM Card Type	-5G: Micro SIM			
Image				
Image Parameters Switch	Yes			
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, white balance, AGC, adjustable			
	by clientsoftware or web browser			
Day/Night Switch	Day,Night,Auto,Schedule,Alarm Trigger,Video Trigger			
Wide Dynamic Range (WDR)	150 dB			
Image Enhancement	BLC,HLC,3D DNR,Distortion Correction,Defog			
Privacy Mask	8 programmable polygon privacy masks			
SNR	≥ 52 dB			
Picture Overlay	LOGO picture can be overlaid on video with 128×12824 bit bmp format.			
Image Stabilization	EIS			
Interface				
Video Output	1 Vp-p Composite Output (75 Ω /CVBS) (Only for debugging)			
Ethernet Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port			
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 1 TB			
Alarm	2 inputs, 2 outputs (max. 24 VDC/24 VAC, 1 A)			
	1 input (line in), 3.5 mm connector, three-contact, max. input amplitude: 3.3 Vpp,			
	input impedance: 4.7 K Ω , interface type: non-equilibrium,			
Audio	1 output (line out), 3.5 mm connector, three-contact, max. output amplitude: 3.3 Vpp			
	output impedance: 100Ω , interface type: non-equilibrium, mono sound			
RS-485	-Y: 1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)			
Reset Key	Yes			
Power Output	-Y: 12 VDC, max. 100 mA			
Wiegand	-Y: 1 Wiegand (CardID 26bit, SHA-1 26bit, Hik 34bit, NEWG 72 bit)			



disconnected, IP address conflict, illegal login, abnormal restart, HDD full, HDD error), wibration detection Smart Event scene change detection, audio exception detection, defocus detection Upload to FTP/NAS/nemony card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture, audible warning Deep Learning Function Uine crossing, intrusion, region entrance, region exiting Support cambined event alarmtriggering Intrusion detection, line crossing detection, region entrance detection, region exiting detection, road traffic Smart Function: Support license plate recognition of vehicles and motorcycles (only in checkpoint scenario) Support vehicle attribute detection, including vehicle type, color, brand, driving direction, etc. Support vehicle and non-vehicle counting Blocklist and allowlist: up to 10,000 records LPR Countries/Regions: 4 areas (Europe, Middle East, Asia-Pacific, Africa) and more than 124 countries/regions Accuracy (Under recommended installation and lighting conditions): License plate recognition rate ≥98% Capture rate ≥99% Driving direction accuracy rate ≥98% Vehicle Capture speed: Front installation in checkpoint scenario: up to 120 km/h Side installation: up to 80 km/h Capture Mode: License Plate and Vehicle Mode, Vehicle Priority Mode General OGeneral -5G: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, POE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W without 5.6 & without 6.132 mm: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, POE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W	Event				
Upload to FTP/NAS/memory card,notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture, audible warning Deep Learning Function Line crossing, intrusion, region entrance, region exiting Support alarmtriggering by specified target types (human and vehicle) Support alarmtriggering by specified target types (human and vehicle) Support detection, road traffic detection, road traffic Smart Function: Support license plate recognition of vehicles and motorcycles (only in checkpoint scenario) Support vehicle attribute detection, including vehicle type, color, brand, driving direction, etc. Support vehicle and non-vehicle counting Blocklist and allowlist up to 10,000 records UPR Countries /Regions: 4 areas (Europe, Middle East, Asia-Pacific, Africa) and more than 124 countries/regions Accuracy (Under recommended installation and lighting conditions): License plate recognition rate ≥98% Capture rate ≥99% Driving direction accuracy rate ≥98% Vehicle Capture Speed: Front installation: up to 80 km/h Side installation: up to 80 km/h Capture Mode: License Plate and Vehicle Mode, Vehicle Priority Mode General 5-G: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, 6-132mm: two-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 96: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W without -5G & without 6-132mm: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, 96: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W	Basic Event	vehicle)), video tampering alarm, video quality diagnosis, exception (network disconnected, IP address conflict, illegal login, abnormal restart, HDD full, HDD error), vibration detection			
Deep Learning Function Deep Learning Function Uine crossing, intrusion, region entrance, region exiting Support combined event alarm triggering by specified target types (human and vehicle) Support combined event alarm triggering Metadata Metadata Metadata Metadata Metadata Metadata Smart Function: Support license plate recognition of vehicles and motorcycles (only in checkpoint scenario) Support vehicle attribute detection, including vehicle type, color, brand, driving direction, etc. Support vehicle and non-vehicle counting Blocklist and allowlist-up to 10,000 records LPR Countries /Regions: 4 areas (Europe, Middle East, Asia-Pacific, Africa) and more than 124 countries/regions Accuracy (Under recommended installation and lighting conditions): License plate recognition rate ≥9% Capture rate ≥9% Driving direction accuracy rate ≥98% Capture rate ≥99% Driving direction accuracy rate ≥98% Vehicle Capture Speed: Front installation in checkpoint scenario: up to 120 km/h Side installation: up to 80 km/h Capture Mode: License Plate and Vehicle Mode, Vehicle Priority Mode General 5-6: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 6-132mm: two-core terminal block, 12 VDC ± 20%, 1.57 A, max. 21.5 W, 6-132mm: two-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, Vehicle Capture Spee 2.56 W, Vehicle Capture Spee 2.56 W, Vehicle Capture Spee 3.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W Without -56 & Without 6-132mm: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.87 A, max. 21.5 W, PoE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W	Smart Event	scene change detection, audio exception detection, defocus detection			
Perimeter Protection Une crossing, intrusion, region entrance, region exiting Support a larmtriggering by specified target types (human and vehicle) Support combined event a larmtriggering Intrusion detection, line crossing detection, region entrance detection, region exiting detection, road traffic Smart Function: Support license plate recognition of vehicles and motorcycles (only in checkpoint scenario) Support vehicle and non-vehicle counting Blocklist and allowlist: up to 10,000 records LPR Countries/Regions: 4 areas (Europe, Middle East, Asia-Pacific, Africa) and morethan 124 countries/regions Accuracy (Under recommended installation and lighting conditions): License plate recognition rate ≥98% Capture rate ≥99% Driving direction accuracy rate ≥98% Vehicle Capture Speed: Front installation: up to 80 km/h Side installation: up to 80 km/h Capture Mode: License Plate and Vehicle Mode, Vehicle Priority Mode General - 5G: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, 6-132mm: two-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, Poi: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W without -5G & without 6-132mm: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, Poi: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W	Linkage				
Perimeter Protection Support combined event a larm triggering Metadata Intrusion detection, line crossing detection, region entrance detection, region exiting detection, exc. Support vehicle attribute detection, including vehicle type, color, brand, driving direction, etc. Support vehicle and non-vehicle counting Blocklist and allowlist: up to 10,000 records LPR Countries/Regions: 4 areas (Europe, Middle East, Asia-Pacific, Africa) and more than 124 countries/regions Accuracy (Under recommended installation and lighting conditions): License plate recognition rate ≥98% Capture rate ≥99% Vehicle Capture Speed: Front installation in checkpoints scenario: up to 120 km/h Side installation: up to 80 km/h Capture Mode: License Plate and Vehicle Mode, Vehicle Priority Mode General -SG: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, 6-132mm: two-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, Poi: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W without -56 & without 6-132mm: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, Poi: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W	Deep Learning Function				
Metadata detection,road traffic Smart Function: Support license plate recognition of vehicles and motorcycles (only in checkpoint scenario) Support vehicle attribute detection, including vehicle type, color, brand, driving direction, etc. Support vehicle and non-vehicle counting Blocklist and allowlist: up to 10,000 records LPR Countries/Regions: 4 areas (Europe, Middle East, Asia-Pacific, Africa) and more than 124 countries/regions Accuracy (Under recommended installation and lighting conditions): License plate recognition rate ≥98% Capture rate ≥99% Driving direction accuracy rate ≥98% Priving direction accuracy rate ≥98% Vehicle Capture Speed: Front installation: up to 80 km/h Side installation: up to 80 km/h Side installation: up to 80 km/h Capture Mode: License Plate and Vehicle Mode, Vehicle Priority Mode General Fos: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, Power 12 VDC ± 20%, 1.88 A, max. 22.56 W, PoE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W without -51.32 mm: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, PoE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W	Perimeter Protection	Support alarm triggering by specified target types (human and vehicle)			
Support license plate recognition of vehicles and motorcycles (only in checkpoint scenario) Support vehicle attribute detection, including vehicle type, color, brand, driving direction, etc. Support vehicle and non-vehicle counting Blocklist and allowlist: up to 10,000 records LPR Countries/Regions: 4 areas (Europe, Middle East, Asia-Pacific, Africa) and more than 124 countries/regions Accuracy (Under recommended installation and lighting conditions): License plate recognition rate ≥98% Capture rate ≥99% Driving direction accuracy rate ≥98% Vehicle Capture Speed: Front installation in checkpoint scenario: up to 120 km/h Side installation: up to 80 km/h Capture Mode: License Plate and Vehicle Mode, Vehicle Priority Mode General -GG: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, 6-132mm: two-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, PoE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W without -5G & without 6-132mm: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, PoE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W	Metadata				
-5G: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, 6-132mm: two-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, PoE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W without -5G & without 6-132mm: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, PoE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W	Road Traffic and Vehicle Detection	Support license plate recognition of vehicles and motorcycles (only in checkpoint scenario) Support vehicle attribute detection, including vehicle type, color, brand, driving direction, etc. Support vehicle and non-vehicle counting Blocklist and allowlist: up to 10,000 records LPR Countries/Regions: 4 areas (Europe, Middle East, Asia-Pacific, Africa) and more than 124 countries/regions Accuracy (Under recommended installation and lighting conditions): License plate recognition rate ≥98% Capture rate ≥99% Driving direction accuracy rate ≥98% Vehicle Capture Speed: Front installation in checkpoint scenario: up to 120 km/h Side installation: up to 80 km/h			
three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, 6-132mm: two-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, PoE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W without -5G & without 6-132mm: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, PoE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W	General				
· · · · · · · · · · · · · · · · · · ·	Power	three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W, 6-132mm: two-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, PoE: IEEE 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.53 A to 0.4 A, max. 22.6 W without -5G & without 6-132mm: three-core terminal block, 12 VDC ± 20%, 1.88 A, max. 22.56 W, 24 VAC ± 20%, 1.57 A, max. 21.5 W,			
	Material				



Dimension	With -Y: \emptyset 140 mm × 377.4 mm (\emptyset 5.5" × 14.9"), Without -Y: \emptyset 144.1 mm × 374.7 mm (\emptyset 5.7" × 14.8")			
Package Dimension	425 mm × 190 mm × 180 mm (16.7" × 7.5" × 7.1")			
Weight	Approx. 2170 g (4.78 lb.)			
With Package Weight	Without -Y: Approx. 3364 g (7.42 lb.), -Y: Approx. 3275 g (7.22 lb.)			
Storage Conditions	-40 °C to 65 °C (-40 °F to 149 °F). Humidity 95% or less (non-condensing)			
Startup and Operating Conditions	-40 °C to 65 °C (-40 °F to 149 °F). Humidity 95% or less (non-condensing)			
Language	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian			
General Function	Heartbeat,anti-banding,one-key reset,mirror,password protection,flashlog			
Heater	Yes			
Demist	Yes			
Device Management	Supports adding alarmbox (DS-FM2466) in the LAN to expand 6 additional input a output alarminterfaces			
Integrated Connector Panel	-Y: No			
Approval				
EMC	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, RCM: AS/NZS CISPR 32: 2015, IC: ICES-003: Issue 7, KC: KN32: 2015, KN35: 2015			
Safety	CB: IEC 62368-1:2014+A11, CE-LVD: EN 62368-1:2014/A11:2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1:2005, LOA: IEC/EN 60950-1			
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006			
Protection	IP67: IEC 60529-2013, IK10: IEC 62262: 2002			
Anti-Corrosion Protection	-Y: NEMA 4X (NEMA 250-2018)			
Automotive and Railway	EN50121-4			
Other	PVC FREE			

Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

With -Y model: This model has MODERATE PROTECTION. Without -Y model: This model has NO SPECIFIC PROTECTION.

Without I model in a model has no of content to tenton.			
Level	Description		
	Hikvision products at this level are equipped for use in		
Ton level protection	areas where professional anti-corrosion protection is a		
Top-level protection	must. Typical application scenarios include coastlines,		
	docks, chemical plants, and more.		



	Hikvision products at this level are equipped for use in		
	areas with moderate anti-corrosion demands. Typical		
Moderate protection	application scenarios include coastal areas about 2		
	kilometers (1.24 miles) away from coastlines, as well as		
	areas affected by acid rain.		
No execisio protection	Hikvision products at this level are equipped for use in		
No specific protection	areas where no specific anti-corrosion protection is needed.		

Available Model

iDS-2CD7A46G2/P-IZHSY(2.8-12mm)

iDS-2CD7A46G2/P-IZHSY(8-32mm)

iDS-2CD7A46G2/P-IZHS(2.8-12mm)

iDS-2CD7A46G2/P-IZHS(8-32mm)

iDS-2CD7A46G2/P-IZHSY/5G(2.8-12mm)

iDS-2CD7A46G2/P-IZHSY/5G(8-32mm)

iDS-2CD7A46G2/P-IZHS/5G(2.8-12mm)

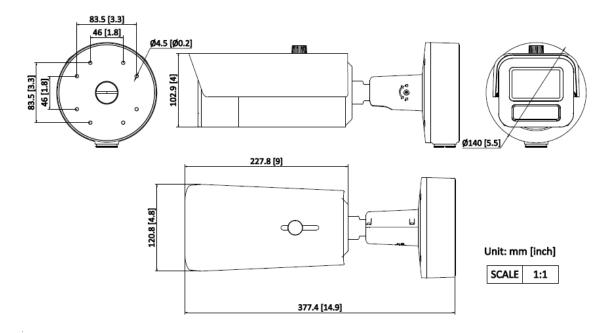
iDS-2CD7A46G2/P-IZHS/5G(8-32mm)

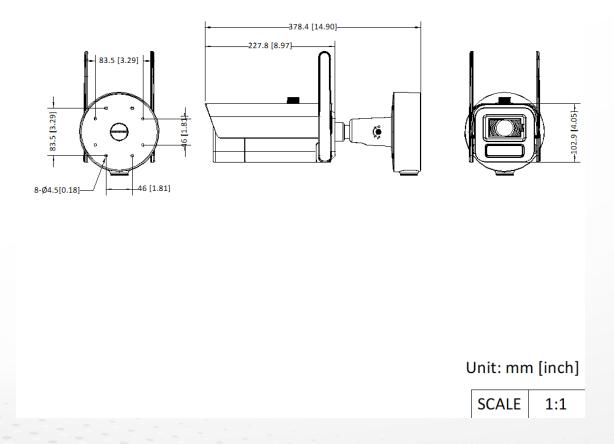
iDS-2CD7A46G2/P-IZHS(6-132mm)

iDS-2CD7A46G2/P-IZHSY(6-132mm)

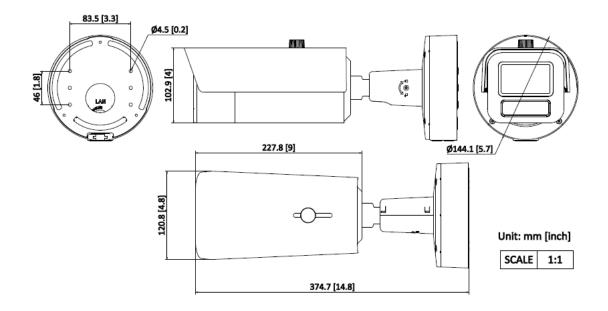


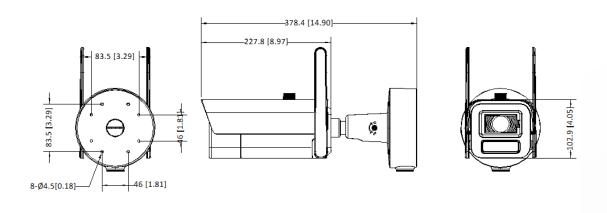
Dimension











Unit: mm [inch]

SCALE 1:1



Accessory

Optional

DS-1475ZJ-SUS	DS-1476ZJ-SUS	DS-1275ZJ-S-SUS	DS-1475ZJ-Y	DS-1476ZJ-Y
		(B	AAA	

Installation Methods

Vertical Pole Mounting DS-1475ZJ-SUS	Vertical Pole Mounting DS-1275ZJ-S-SUS	Vertical Pole Mounting DS-1475ZJ-Y	Corner Mounting DS-1476ZJ-SUS	Corner Mounting DS-1476ZJ-Y

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