


DS-2XE6422FWD-IZH(R)S 2 MP Explosion-Proof Network Bullet Camera



 II 2 G Ex db op is IIC T6 Gb
II 2D Ex tb op is IIIC T80°C Db

Key Features

- Up to 2 MP high resolution
- 120dB Wide Dynamic Range
- Lens, 2.8 to 12mm and 8 to 32 mm optional
- H.265, H.265+, H.264, H.264+
- Three video streams
- 6 behavior analyses, 3 exception detections, 1 statistics and face detection
- Support on-board storage, up to 128 GB
- IR range 80 m for 2.8 to 12 mm lens, and 150 m for 8 to 32 mm lens
- Wiper optional
- Power supply: 100 VAC to 240 VAC and PoE
- IP68



Specifications

| Camera | |
|--------------------------------|--|
| Image Sensor | 1/1.8" Progressive Scan CMOS |
| Min. Illumination | 0.001Lux @(F1.2,AGC ON), 0 Lux with IR on |
| Shutter Speed | 1 s to 1/100,000 s, support slow shutter |
| Lens | 2.8 mm to 12 mm, F1.4, horizontal FOV: 85° to 31°, vertical FOV: 45° to 17.5°, diagonal FOV: 101° to 17.5° 8 mm to 32 mm, F1.4, horizontal field of view: 42.2° to 13.5°, vertical FOV: 23.4° to 7.7°, diagonal FOV: 49° to 15.3° |
| Focus | Auto |
| Auto-Iris | DC drive |
| Day & Night | IR cut filter |
| DNR | 3D DNR |
| Wide Dynamic Range | 120dB |
| Compression Standard | |
| Video Compression | Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264 |
| H.264 Type | Baseline profile/main profile/high profile |
| H.264+ | Yes |
| H.265 Type | Main profile |
| H.265+ | Yes |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| Audio Compression | G.711/G.722.1/G.726/MP2L2/PCM |
| Audio Bit Rate | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2) |
| Image | |
| Max. Resolution | 1920 × 1080 |
| Main Stream Max. Frame Rate | 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720) |
| Sub Stream Max. Frame Rate | 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288, 320 × 240) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240, 320 × 240) |
| Third Steam Max. Frame Rate | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240, 320 × 240) |
| Image Enhancement | BLC/3D DNR/HLC/Defog/EIS |
| Image Settings | Support rotate mode. Saturation, brightness, contrast, sharpness, white balance, and AGC are adjustable by client software or web browser |
| Region of Interest | Support 4 customized region for each stream, and face dynamic tracking |
| Target Cropping | Yes |
| Day/Night Switch | Auto/Schedule/Triggered by Alarm In |
| Picture Overlay | LOGO picture can be overlaid on video with 128 × 128 24bit bmp format |
| Audio | |
| Environment Noise Filter | Support |
| Sampling Rate | Max. 48 kHz |
| Network | |
| Network Storage | Support microSD/SDHC/SDXC card (up to 128 GB) local storage and NAS (NFS,SMB/CIFS), ANR |

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|---------------------------|---|
| Alarm Trigger | Motion detection, tampering alarm, HDD full, HDD error, network disconnected, IP address conflicted, illegal login |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour |
| Standard | ONVIF (PROFILE S, PROFILE G), ISAPI |
| General Function | One-key reset, mirror, anti-flicker, heartbeat, watermark, password protection, privacy mask, IP address filter |
| Interface | |
| Communication Interface | 1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port, Camera with no wiper also supports RS-485 |
| Audio | 3.5 mm audio input (line in), 3.5 mm audio output (line out), stereo |
| Alarm | 2 alarm input, 2 alarm output (up to 24 VDC, 1 A or 110 VAC, 500 mA) |
| Video Out | 1Vp-p Composite Output(75Ω/BNC) |
| On-board Storage | Built-in microSD/SDHC/SDXC slot, up to 128GB |
| Reset Button | Yes |
| Smart Feature-set | |
| Behavior Analysis | Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection |
| Line Crossing Detection | Cross a pre-defined virtual line |
| Intrusion Detection | Enter and loiter in a pre-defined virtual region |
| Region Entrance Detection | Enter a pre-defined virtual region from the outside place |
| Region Exiting Detection | Exit from a pre-defined virtual region |
| Unattended Baggage | Objects left over in the pre-defined region such as the baggage, purse, dangerous materials |
| Object Removal | Objects removed from the pre-defined region, such as the exhibits on display. |
| Exception Detections | Scene change detection, defocus detection, audio exception detection |
| Face Detection | Human face appears in the image can be detected and trigger linkage method |
| Statistics | Counting which calculates the number of targets entering and exiting a configured area |
| General | |
| Operating Conditions | -40°C to +60°C (-40°F to +140°F), Humidity 95% or less (non-condensing) |
| Power Supply | 100 VAC to 240 VAC, three-core terminal block PoE (802.3at, class 4) |
| Power Consumption | -IZHRS: 100 VAC to 240 VAC, 0.38 A to 0.18 A, max. 22.6W; PoE (802.3at, 42.5 V to 57 V), 0.56 A to 0.42 A, max. 23.6W -IZHS: 100 VAC to 240 VAC, 0.32 A to 0.11 A, max. 18.6 W; PoE (802.3at, 42.5 V to 57 V), 0.46 A to 0.34 A max. 19.6 W |
| IR Range | 2.8 mm to 12 mm lens: up to 80 m (262.5 ft.) 8 mm to 32 mm lens: up to 150 m (492.1 ft.) |
| Wiper | With -R model supports |
| Heater | -H: yes |
| Housing Material | 316L Stainless steel |
| Ingress Protection | IP68 |
| Explosion-Proof | ATEX: II 2 G Ex db op is IIC T6 Gb/ II 2D Ex tb op is IIIC T80°C Db IECEx: Ex db IIC T6 Gb /Ex tb IIIC T80°C Db For explosive gas atmospheres, the maximum surface temperature is 85°C; For flammable dust atmospheres, the maximum surface temperature is 80°C; IIC: for explosive gas atmospheres other than mines susceptible to firedamp; For explosive gas mixture atmospheres: Zone 1, Zone 2, Zone 21, Zone 22. |

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| Dimensions | 513.2 × 169 × 308 mm (20.2" × 6.65" × 12.13") Package: 753 × 313 × 424 mm (29.65" × 12.32" × 16.69") |
| Weight | -IZHRS: camera, 17.8 kg (39.24 lb.); with package, 19.8 kg (43.65lb.) -IZHS: camera, 16.8 kg (37.04 lb.); with package, 18.8 kg (41.45 lb.) |

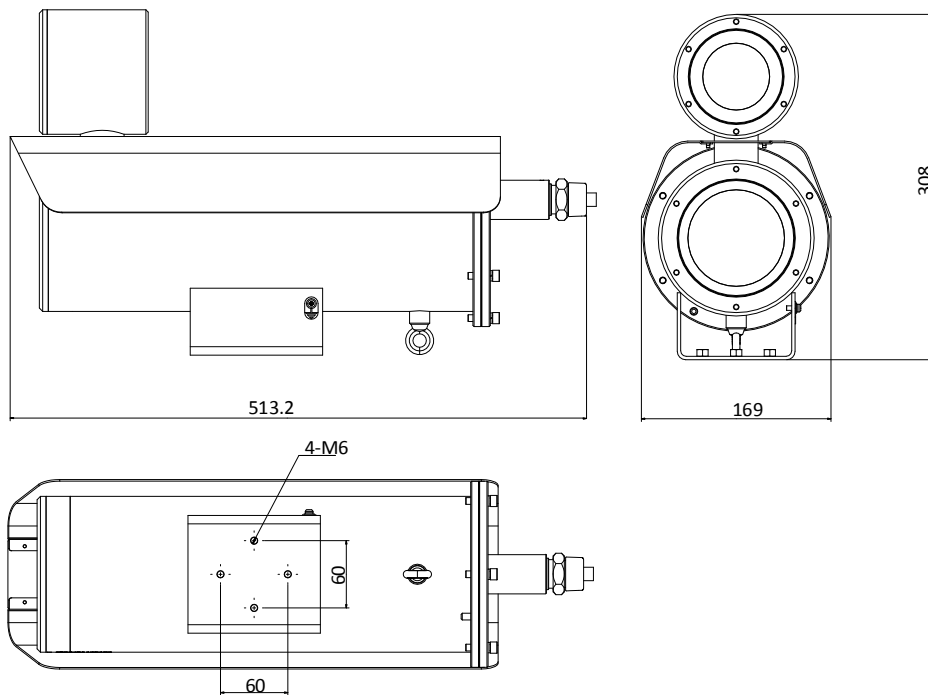
Available Models

DS-2XE6422FWD-IZHS (2.8-12mm), DS-2XE6422FWD-IZHRS (2.8-12mm), DS-2XE6422FWD-IZHS (8-32mm), DS-2XE6422FWD-IZHRS (8-32mm)

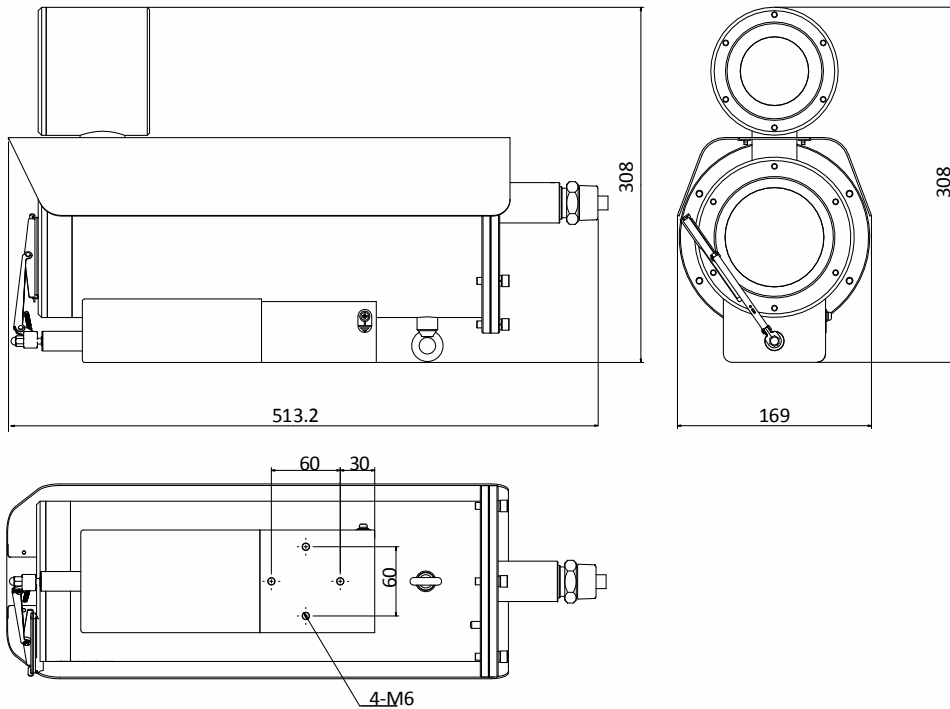
**You are recommended to purchase memory card together with the product if needed. After ordering, the memory card will be installed to product during manufacturing.*

Dimension

-IZHS:



-IZHRS:



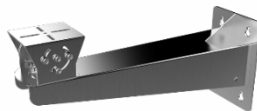
Unit: mm

Accessories

Distributed by



DS-1707ZJ-Y
Wall mount (316L stainless steel)



DS-1707ZJ-Y-E
Wall mount (316L stainless steel)



DS-1677ZJ-XS-1.0 (D)
Flexible conduit



DS-2780ZJ-X/316L
Explosion-proof terminal box

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