



DS-2XE6222F-IS 316L 2MP Network Ex-Proof Camera Image 2310131038

DS-2XE6222F-IS/316L 2MP Network Ex-Proof Camera

Ex Proof Camera

- ✓ Fixed lens 4mm (90 deg) included. Alternative lenses are optional
- ✓ 30m IR illumination
- ✓ 100-240VAC or PoE supported (7W)
- ✓ H.265+/H.265/H.264+/H.264
- ✓ IP68 / IK08
- ✓ ATEX / IECEx approved
- ✓ 1.3 m pigtail included

 IK08  H.264

Description

The DS-2XE6222F-IS/316L 2MP Network EX-proof Camera has H.265+/H.265/H.264+/H.264 encoding providing efficient compression technology which saves storage space and reduces bandwidth requirements. It features 100 VAC to 240 VAC wide range power supply which is safer compared to a power adapter solution.

DS-2XE6222F-IS/316L 2MP Network EX-proof Camera

The DS-2XE6222F-IS/316L 2MP Network EX-proof Camera has a 316L stainless steel enclosure and anti-corrosion spray treatment, protecting the camera from damage caused by sparks or corrosive materials. It also is IP68/IK08 water resistant and vandal proof, preventing water ingress for outdoor use. The camera has been created with an explosion-proof design and has passed international ATEX & IECEx certifications. It can be used in gas and dust hazardous scenarios.

Technical Dimensions



Specifications

CAMERA

| | |
|-------------------|---|
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Max. Resolution | 1920 × 1080 |
| Min. Illumination | Color: 0.018 lux @ (F1.2, AGC ON), B/W: 0.006 lux @ (F1.2, AGC ON), 0 Lux with IR |
| Shutter Time | 1 s to 1/100,000 s |
| Day & Night | IR cut filter |

LENS

| | |
|--------------------|---|
| Lens Type | Fixed focal lens, 4 , 6 , 8 , and 12 mm optional |
| Focal Length & FOV | 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° |
| Lens Mount | M12 |
| Aperture | F1.6 |

DORI

| | |
|-------|---|
| 4 mm | D: 55.2 m, O: 21.9 m, R: 11 m, I: 5.5 m |
| 6 mm | D: 88.3 m, O: 35 m, R: 17.7 m, I: 8.8 m |
| 8 mm | D: 110.3 m, O: 43.8 m, R: 22.1 m, I: 11 m |
| 12 mm | D: 171 m, O: 67.9 m, R: 34.2 m, I: 17.1 m |

ILLUMINATOR

| | |
|------------------------|------------|
| Supplement Light Type | IR |
| Supplement Light Range | Up to 30 m |
| Smart Supplement Light | Yes |
| IR Wavelength | 850 nm |

VIDEO

| | |
|--------------------------|---|
| Main Stream | 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) |
| | 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720) |
| Sub-Stream | 50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288, 320 × 240) |
| | 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240, 320 × 240) |
| Third Stream | 50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240) |
| | 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240, 320 × 240) |
| Video Compression | Main stream: H.265/H.264/H.265+/H.264+ |
| | Sub stream: H.265/H.264/MJPEG |
| | Third stream: H.265/H.264/MJPEG |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| H.264 Type | Baseline profile/main profile/high profile |
| H.265 Type | Main profile |
| Region of Interest (ROI) | 5 customized regions for each stream, and face dynamic tracking |
| Target Cropping | Yes |

AUDIO

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|-------------------------------|---|
| Audio Type | Mono Sound |
| Audio Compression | G.711/G.722.1/G.726/MP2L2/PCM/ AAC/MP3 |
| Audio Bit Rate | 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3) |
| Audio Sampling Rate | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz |
| Environmental Noise Filtering | Yes |

NETWORK

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|------------------------|--|
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP |
| Simultaneous Live View | Up to 6 channels |
| API | Open Network Video Interface (Profile S, Profile G), PSIA, CGI, ISAPI |
| User/Host | Up to 32 users. 3 user levels: administrator, operator and user |
| Network Storage | NAS (NFS, SMB/CIFS), auto network replenishment (ANR) |
| Client | iVMS-4200, Hik-Connect, Hik-Central |
| Web Browser | Plug-in required live view: IE 8+, Chrome 41.0 to 44, Firefox 30.0 to 51, Safari 8.0 to 11 |
| | Plug-in free live view: Chrome 45.0+, Firefox 52.0+ |
| | Local service: Chrome 57.0+, Firefox 52.0+ |
| | Not recommended: Safari 11+, Edge |

IMAGE

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|--------------------------|---|
| Image Settings | Rotate mode, saturation, brightness, contrast, etc., adjustable by client software or web browser |
| Day/Night Switch | Auto/Schedule/Alarm Trigger |
| Wide Dynamic Range (WDR) | 120 dB |
| Image Enhancement | BLC/3D DNR |
| Privacy Mask | 8 programmable polygon privacy mask |
| Picture Overlay | LOGO picture can be overlaid on video with 128 × 128 24bit bmp format |

INTERFACE

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|--------------------|---|
| Audio | 1 line in, 1 line out |
| Ethernet Interface | 1 RJ45 10 M/100 M self-adaptive Ethernet port |
| On-Board Storage | Built-in memory card slot, support microSD/SDHC/SDXC card, up to 256 GB |
| Alarm | 1 alarm input, 1 alarm output |

EVENT

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|-------------|---|
| Basic Event | Motion detection (support alarm triggered by specified target types (human and vehicle)), video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) |
| Smart Event | Line crossing detection, intrusion detection, region entrance detection, region exiting detection (support alarm triggered by specified target types (human and vehicle)) Scene change detection, audio exception detection |
| Linkage | Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture |

GENERAL

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|----------------------------------|---|
| Power | 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 |
| Dimensions | 202 mm × 174 mm × 172 mm |
| Package Dimension | 435 mm × 255 mm × 285 mm |
| Weight | Approx. 6.17 kg |
| With Package Weight | Approx. 7.20 kg |
| Storage Conditions | -30 °C to +60 °C. Humidity 95% or less (non-condensing) |
| Startup and Operating Conditions | -30°C to +60 °C. 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 | Mirror, anti-flicker, heartbeat, watermark, password protection, privacy mask |

APPROVAL

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|----------------------------|---|
| EMC | FCC: FCC-SDoC (ANSI C63.4, FCC Part15 sub B) |
| | CE: CE-EMC (EN 50130-4: 2011+A1: 2014, EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3:2013) |
| | IC: IC-VoC (ICES-003 Issue 7: 2020) |
| | KC: KN 301489-1, KN 301489-17, RRA NOTICE 2017-14 (2017.12.05), RRA NOTICE 2017-19 (2017.12.28) |
| Safety | UL (UL 60950-1:2014, CAN/CSA C22.2 No. 60950-1-07: 2014) |
| | CB (IEC 60950-1) |
| | CE: CE-LVD (EN 60950-1: 2006+A11: 2009+A1: 2010+A12: 2011+A2: 2013) |
| Protection | IK08 (IEC 62262:2002), IP68 (IEC 60529-2013) |
| Explosion-Proof Protection | ATEX: II 2G Ex db IIC T6 Gb/ II 2D Ex tb IIIC T80°C Db IP68 |
| | IECEx: Ex db IIC T6 Gb /Ex tb IIIC T80°C Db IP68 |
| | 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. |

Accessories



Wall Mount Bracket for DS-
2XE6222F

Wall Bracket



Ex-Proof Junction Box DS-2780ZJ-
X/316L

Junction Box