

DS-2XE6845G0-(I)(L)Z(H)(S) 4 MP Explosion-Proof Network Bullet Camera













- Up to 4 MP high resolution
- 2.8 to 12 mm and 8 to 32 mm lens optional
- 120dB Wide Dynamic Range
- H.265, H.265+, H.264, H.264+
- Support on-board storage, up to 256GB

- ATEX: Ex II 2 G D Ex db IIC T6 Gb/Ex tb IIIC T80°C Db IP68
- IECEx: Ex db IIC T6 Gb/Ex tb IIIC T80°C Db IP68
- UL: Class I, Zone 1, AEx db IIC T6 Zone 21, AEx tb IIIC T80°C Ex db IIC T6 Gb X Ex tb IIIC T80°C Db X







Specifications

| Camera | | |
|-------------------|---|--|
| Image Sensor | 1/2.8" Progressive Scan CMOS | |
| Min. Illumination | Color: 0.009 Lux @ (F1.2, AGC ON), B/W: 0.0009 Lux @ (F1.2, AGC ON), 0 Lux with IR | |
| Shutter Speed | 1s to 1/100,000 s | |
| Slow Shutter | Yes | |
| Day & Night | IR Cut Filter | |
| WDR | 120 dB | |
| Lens | | |
| Lens Type | Varifocal lens, 2.8 to 12 mm and 8 to 32 mm lens | |
| Auto-Iris | DC drive | |
| Aporturo | 2.8 to 12 mm: F1.4 | |
| Aperture | 8 to 32 mm: F1.7, constant F1.7 throughout the zoom range | |
| Focus | Auto, semi-auto, manual | |
| | 2.8 to 12 mm, horizontal FOV 115° to 42°, vertical FOV 59° to 24°, diagonal FOV 141° to | |
| FOV | 48°; 8 to 32 mm, horizontal FOV 43° to 15°, vertical FOV 23° to 9°, diagonal FOV 50° to | |
| | 17° | |
| Lens Mount | Integrated | |
| DORI | | |
| DORI | 2.8 to 12 mm: D: 150.3 m, O: 59.7 m, R: 30.1 m, I: 15 m | |
| DOM | 8 to 32 mm: D: 400 m, O: 158.7 m, R: 80 m, I: 40 m | |
| Illuminator | | |
| Range | -I model: up to 100 m IR range | |
| Tiding C | -L model: up to 30 m whitelight range | |
| Wavelength | -I model: 850 nm | |
| Video | | |
| Max. Resolution | 2688 × 1520 | |
| Video Streams | 5 defined streams | |
| Main Stream | 50Hz: 25fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720); 60Hz: 30fps (2688 × | |
| Wall Stream | 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) | |
| Sub-Stream | 50Hz: 25fps (704 × 576, 640 × 480); 60Hz: 30fps (704 × 480, 640 × 480) | |
| Third Stream | 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480); 60Hz: 30fps (1920 × | |
| Tima Stream | 1080, 1280 ×720, 704 × 480, 640 × 480) | |
| Fourth Stream | 50Hz: 25fps (704 × 576, 640 × 480); 60Hz: 30fps (704 × 480,640 × 480) | |
| Fifth Stream | 50Hz: 25fps (704 × 576, 640 × 480); 60Hz: 30fps (704 × 480,640 × 480) | |
| 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 | |
| | Fourth stream: H.265/H.264/MJPEG | |
| | Fifth stream: H.265/H.264/MJPEG | |
| H.264 Type | Baseline Profile/Main Profile/High Profile | |



| H.264+ | Main stream supports | |
|-----------------------------|---|--|
| H.265 Type | Main Profile | |
| H.265+ | Main stream supports | |
| Video Bit Rate | 32 Kbps to 16 Mbps | |
| SVC | H.265 and H.264 support | |
| 346 | 11.203 and 11.204 support | |
| Audio (-S) | | |
| 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) | |
| Environment Noise Filtering | Yes | |
| Audio Sampling Rate | 8kHz/16kHz/32kHz/44.1kHz/48kHz | |
| Smart Feature-Set | | |
| | Line crossing detection, up to 4 lines configurable | |
| | Intrusion detection, up to 4 regions configurable | |
| | Region entrance detection, up to 4 regions configurable | |
| Smart Event | 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, audio exception detection (-S model), defocus detection | |
| Basic Event | Motion detection, video tampering alarm, exception (network disconnected, IP | |
| basic Everit | address conflict, illegal login, HDD full, HDD error) | |
| Face Capture | Detects up to 40 faces | |
| Hard Hat Detection | Detects up to 30 human targets simultaneously | |
| | Supports up to 4 shield regions | |
| Linkage Method | Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm | |
| | output (-S model), trigger recording, trigger capture | |
| Region of Interest | 4 fixed regions for main stream, sub stream, and third stream, and dynamic face | |
| | tracking | |
| Image | | |
| Image Enhancement | BLC, HLC, Defog, EIS, Distortion Correction, 3D DNR | |
| Innana Cattings | Saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by | |
| Image Settings | client software or web browser | |
| Target Cropping | Yes | |
| Day/Night Switch | Day/Night/Auto/Schedule/Triggered by alarm in (-S) | |
| Picture Overlay | LOGO picture can be overlaid on video with 128 × 128 24bit bmp format | |
| Network | | |
| Network Storage | Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR | |
| | Together with high-end Hikvision memory card, memory card encryption and health | |
| | detection are supported. | |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, | |
| Protocols | UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS | |
| API | ONVIF (PROFILE S, PROFILE G), ISAPI, SDK | |



| | Password protection, complicated password, HTTPS encryption, 802.1X authentication |
|-------------------------------|---|
| Security | (EAP-MD5), watermark, IP address filter, basic and digest authentication for |
| | HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2 |
| Simultaneous Live View | Up to 20 channels |
| | |
| User/Host | Up to 32 users. 3 user levels: administrator, operator and user |
| Client | iVMS-4200, Hik-Connect, Hik-Central |
| Web Browser | Plug-in required live view: IE8-11 |
| | Plug-in free live view: Mozilla Firefox52+ |
| Interface | |
| | 1 RJ45 10M/100M self-adaptive Ethernet port, optical interface FC |
| Communication Interface | -S: RS-485 (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive) |
| Audio (-S) | 1 line in/out |
| Alarm (-S) | 1 input, 1 output (max. 24 VDC, 1 A or 110 VAC 500 mA) |
| Video Out | 1Vp-p Composite Output (75Ω/CVBS) |
| | Built-in micro SD/SDHC/SDXC slot, up to 256 GB |
| On-board Storage | *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. |
| General | |
| | VE F.O.C |
| Firmware Version | V5.5.96 |
| | 32 languages. English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, |
| Web Client Language | 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) |
| General Function | Anti-flicker, 5 streams and 5 custom streams, heartbeat, mirror,privacy mask, pixel |
| | counter |
| Reset | Reset via reset button on camera body, web browser and client software |
| Startup and Operating | -H model: -40 °C to +60 °C (-40 °F to +140 °F), humidity 95% or less (non-condensing) |
| Conditions | Without -H model: -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non- |
| a. a. livi | condensing) |
| Storage Conditions | -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) |
| Power Supply | 100 to 240 VAC, PoE (42.5 to 57 V, 802.3 at), terminal block |
| | -L: 100 to 240 VAC, 0.4 A, max. 22 W; PoE (802.3at, 42.5 to 57 V), 0.55 to 0.45 A, max. |
| Power Consumption and Current | 22 W |
| · | -I: 100 to 240 VAC, 0.4 A, max. 18 W; PoE (802.3at, 42.5 to 57 V), 0.55 to 0.45 A, max. |
| | 18 W |
| Material | Stainless steel 316L & anti-corrosion coating |
| Heater | -H: Yes |
| Dimensions | Camera: 352 × 200 × 214 mm (13.6" × 7.9" × 8.4") |
| | With package: 438 × 283 × 303 mm (17.2" × 11.1" × 11.9") |
| Weight | Camera: 14 kg (37.5 lb.) |
| | With package: 15 kg (40.2 lb.) |



| Approval | |
|-----------------------------|--|
| EMC | FCC: FCC-SDoC(ANSI C63.4,FCC Part15 sub B) |
| | CE: CE-EMC(EN 55024:2010 +A1:2015,EN 55032:2015,EN 61000-3-2:2014,EN 61000-3- |
| | 3:2013) |
| | RCM: AS/NZS 60950.1:2003 + Am1, Am2 and Am3,AS/NZS CISPR 32:2015 |
| | IC: IC-VoC(ICES-003 Issue 7:2020) |
| | UL: UL 60950-1:2014,CAN/CSA C22.2 No. 60950-1-07:2014 |
| Cafat | CB: IEC IEC 60079-0 |
| Safety | CE: CE-LVD(EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013) |
| | BIS: IS 13252(Part 1)2010+A1:2013+A2:2015 |
| Anti Correcion | NEMA 4X(NEMA-250) |
| Anti-Corrosion | C5 |
| | IP68 (IEC 60529-2013) |
| | Explosion-proof: |
| | ATEX: Ex II 2 G D Ex db IIC T6 Gb/Ex tb IIIC T80°C Db IP68 |
| | IECEx: Ex db IIC T6 Gb/Ex tb IIIC T80°C Db IP68 |
| Protection | UL: Class I, Zone 1, AEx db IIC T6 Zone 21, AEx tb IIIC T80°C Ex db IIC T6 Gb X Ex tb IIIC |
| | T80°C Db X |
| | c UL US |
| | Anti-Corrosion: NEMA 4X (NEMA 250-2014), C5 (ISO 6270-1, ISO 9227) |
| Explosion-proof Certificate | ATEX: Ex II 2 G D Ex db IIC T6 Gb/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. |

^{*}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.

Available Model

DS-2XE6845G0-IZHS (2.8 to 12 mm), DS-2XE6845G0-LZHS (2.8 to 12 mm), DS-2XE6845G0-IZ (2.8 to 12 mm), DS-2XE6845G0-LZ (2.8 to 12 mm), DS-2XE6845G0-IZ (8 to 32 mm), DS-2XE6845G0-IZ (8 to 32 mm), DS-2XE6845G0-IZ (8 to 32 mm)

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.

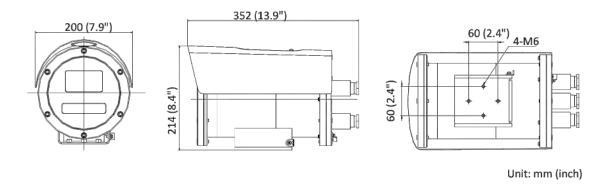
This model has TOP-LEVEL SPECIFIC PROTECTION.

| Level | Description |
|----------------------|--|
| Top-level protection | Hikvision products at this level are equipped for use in areas where professional anti-corrosion |



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

Dimension



Accessory



DS-1707ZJ-Y-AC (OS) Wall Mount



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