

DS-2XE6045G0-I(B)**4 MP Explosion-Proof Network Bullet Camera**

- Explosion-proof design, the camera has passed international ATEX & IECEx certifications, it can be used in gas and dust hazardous scenarios
- IP68 water resistant, there is no need to worry about water ingress when it is used in outdoor scenarios
- Built-in IR light, IR range of 30 meters provides good visibility in low or even zero-light environment

▪ Specification

| Camera | |
|-----------------------------|--|
| Image Sensor | 1/1.8" Progressive Scan CMOS |
| Max. Resolution | 2560 × 1440 |
| Min. Illumination | Color: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.001 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR |
| Shutter Time | 1/3 s to 1/100,000 s |
| Day & Night | IR cut filter |
| Angle Adjustment | Pan: -45° to 45°, tilt: -30° to 30° |
| Lens | |
| Lens Type | Fixed focal lens, 4 and 6 mm optional |
| Focal Length & FOV | 4 mm, horizontal FOV 78.8°, vertical FOV 40.5°, diagonal FOV 93.9° 6 mm, horizontal FOV 49.1°, vertical FOV 26.3°, diagonal FOV 57.2° |
| Lens Mount | M12 |
| Aperture | F1.6 |
| 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 (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720) |
| Sub-Stream | 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360) |
| Video Compression | Main stream: H.265+/H.265/H.264+/H.264, Sub-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) | 1 fixed region for main stream |
| Network | |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, ARP |
| Simultaneous Live View | Up to 6 channels |
| API | Open Network Video Interface, ISAPI, SDK, ISUP |
| User/Host | Up to 32 users 3 user levels: administrator, operator, and user |
| Security | Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, security audit log, TLS 1.2, host authentication (MAC address) |

| | |
|----------------------------------|---|
| Network Storage | Auto Network Replenishment (ANR), Together with high-end Hikvision memory card, memory card encryption and health detection are supported. |
| Client | iVMS-4200, Hik-Connect, Hik-Central |
| Web Browser | Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+, Local service: Chrome 57.0+, Firefox 52.0+ |
| Image | |
| Image Parameters Switch | Yes |
| Image Settings | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser |
| Day/Night Switch | Day, Night, Auto, Schedule |
| Wide Dynamic Range (WDR) | 120 dB |
| SNR | ≥ 52 dB |
| Image Enhancement | BLC, HLC |
| Privacy Mask | 4 programmable polygon privacy masks |
| Interface | |
| Ethernet Interface | 1 RJ45 10 M/100 M self-adaptive Ethernet port |
| On-Board Storage | Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, *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. |
| Event | |
| Basic Event | Motion detection, exception |
| Smart Event | Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection |
| Linkage | Upload to FTP/memory card, notify surveillance center, send email, trigger recording, trigger capture |
| General | |
| Power | 24 VDC, 0.3 A, max. 7.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 7.5 W |
| Material | Aluminum alloy |
| Dimension | 173.5 mm × 137.8 mm × 137.8 mm (6.8" × 5.4" × 5.4") |
| Package Dimension | 313 mm × 213 mm × 208 mm (12.3" × 8.4" × 8.2") |
| Weight | Approx. 2.04 kg (4.5 lb.) |
| With Package Weight | Approx. 2.84 kg (6.3 lb.) |
| Storage Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °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, mirror, flash log, password reset via email, pixel counter, password protection, anti-banding |

| Approval | |
|----------------------------|---|
| EMC | FCC: 47 CFR Part 15, Subpart B CE-EMC: EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014 RCM: AS/NZS CISPR 32: 2015 IC: ICES-003: Issue 7 |
| Safety | CB: IEC 62368-1: 2014+A11 BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005 |
| Environment | CE-RoHS: 2011/65/EU Reach: Regulation (EC) No 1907/2006 |
| Protection | IP68: IEC 60529-2013, IK08: IEC 62262:2002 |
| Explosion-Proof Protection | ATEX: 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. |

▪ 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 MODERATE PROTECTION.

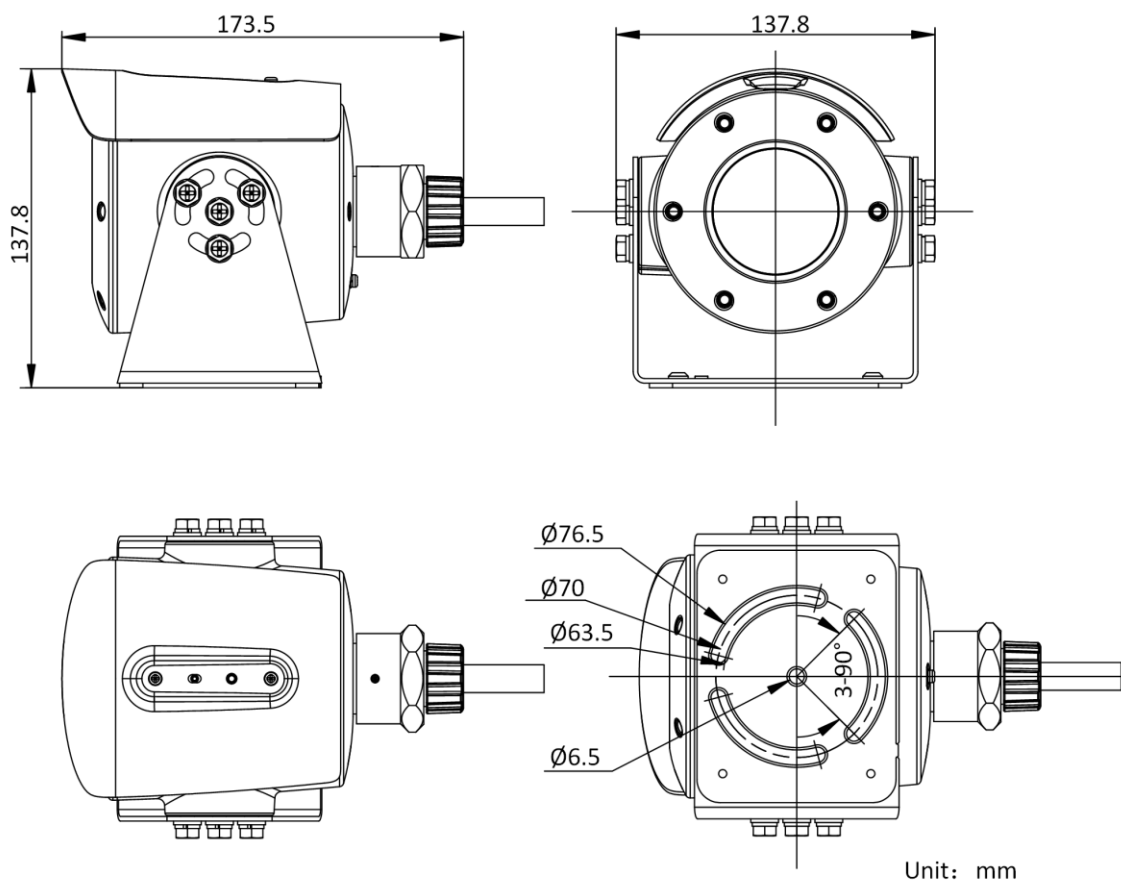
| Level | Description |
|------------------------|--|
| Top-level protection | Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more. |
| Moderate protection | 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. |

▪ Available Model

DS-2XE6045G0-I(4mm)(B)

DS-2XE6045G0-I(6mm)(B)

▪ Dimension



▪ Accessory

▪ Optional

| DS-2780ZJ-X(OS)(O-STD) /316L Junction box | DS-2702ZJ Wall mount | DS-2XE2601-1(CS) Explosion Proof Flexible Conduit |
|---|---|--|
|  |  |  |

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