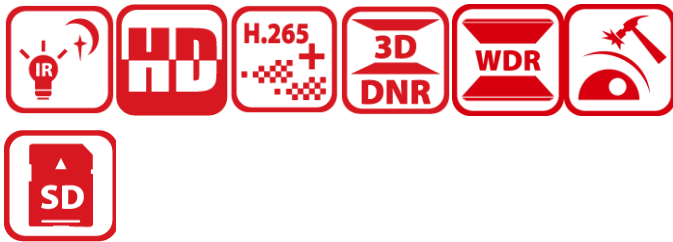


## DS-2XE6086G0-LIS(ADC) Aluminum Alloy 8MP Explosion-Proof Fixed Bullet



- Explosion-proof design: the camera has passed international ATEX & IECEx certifications, and can be used in gas and dust hazardous scenarios
- IP68 water resistant, preventing water ingress for outdoor use
- H.265+/H.265/H.264+/H.264 encoding: efficient compression technology saves storage space and reduces bandwidth requirements
- Vandal resistant (IK10)

## ▪ Specification

| Camera                      |                                                                                                                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                | 1/1.8" Progressive Scan CMOS                                                                                                                                                                                      |
| Max. Resolution             | 3840 × 2160                                                                                                                                                                                                       |
| Min. Illumination           | Color: 0.003 Lux @ (F1.6, AGC ON), 0 Lux with light                                                                                                                                                               |
| Shutter Time                | 1/3 s to 1/100,000 s                                                                                                                                                                                              |
| Day & Night                 | IR cut filter                                                                                                                                                                                                     |
| Lens                        |                                                                                                                                                                                                                   |
| Focal Length & FOV          | 2.8 mm, horizontal FOV 101.8°, vertical FOV 50.8°, diagonal FOV 124.4°<br>4 mm, horizontal FOV 87.6°, vertical FOV 46.0°, diagonal FOV 103.5°<br>6 mm, horizontal FOV 60°, vertical FOV 34.8°, diagonal FOV 67.8° |
| Aperture                    | F1.6                                                                                                                                                                                                              |
| Illuminator                 |                                                                                                                                                                                                                   |
| Supplement Light Type       | IR, White Light                                                                                                                                                                                                   |
| Supplement Light Range      | IR: up to 30 m<br>White Light: up to 30 m                                                                                                                                                                         |
| IR Wavelength               | 850 nm                                                                                                                                                                                                            |
| Video                       |                                                                                                                                                                                                                   |
| Main Stream                 | 50 Hz: 12.5 fps (3840 × 2160)<br>60 Hz: 12.5 fps (3840 × 2160)                                                                                                                                                    |
| Sub-Stream                  | 50 Hz: 12.5 fps (640 × 480, 640 × 360)<br>60 Hz: 12.5 fps (640 × 480, 640 × 360)                                                                                                                                  |
| Third Stream                | 50 Hz: 1 fps (1280 × 720, 640 × 360)<br>60 Hz: 1 fps (1280 × 720, 640 × 360)                                                                                                                                      |
| Video Compression           | Main stream: H.265+/H.265/H.264+/H.264,<br>Sub-stream: H.265/H.264/MJPEG<br>Third Stream : H.265/H.264                                                                                                            |
| Video Bit Rate              | 32 Kbps to 16 Mbps                                                                                                                                                                                                |
| H.264 Type                  | Baseline Profile, Main Profile, High Profile                                                                                                                                                                      |
| H.265 Type                  | Main Profile                                                                                                                                                                                                      |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding                                                                                                                                                                                          |
| Region of Interest (ROI)    | 1 fixed region for main stream                                                                                                                                                                                    |
| Audio                       |                                                                                                                                                                                                                   |
| Audio Compression           | G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC                                                                                                                                                                              |
| Audio Bit Rate              | 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)                                                                                                     |
| Audio Sampling Rate         | 8 kHz/16 kHz                                                                                                                                                                                                      |
| Environment Noise Filtering | Yes                                                                                                                                                                                                               |
| Network                     |                                                                                                                                                                                                                   |
| Protocols                   | SSL/TLS, RTSP, TCP/IP, RTP, HTTP, QoS, PPPoE, ICMP, DDNS, UDP, UPnP, IGMP, DHCP, DNS, SNMP, IPv4, IPv6, FTP, HTTPS, 802.1X, NTP                                                                                   |
| Simultaneous Live View      | Up to 6 channels                                                                                                                                                                                                  |
| API                         | ONVIF (Profile S, Profile G), ISAPI, SDK, ISUP                                                                                                                                                                    |
| User/Host                   | Up to 32 users<br>3 user levels: administrator, operator, and user                                                                                                                                                |

|                                  |                                                                                                                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Security                         | Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-MD5), WSSE and digest authentication for ONVIF, basic and digest authentication for HTTP/HTTPS, RTP/RTSP over HTTPS, security audit log, control timeout settings                                       |
| Client                           | iVMS-4200, Hik-Connect, Hik-Central                                                                                                                                                                                                                                                             |
| Web Browser                      | Plug-in free live view: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+                                                                                                                                                                                                                           |
| <b>Image</b>                     |                                                                                                                                                                                                                                                                                                 |
| 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                                                                                                                                                                                                                                                                                          |
| Image Enhancement                | BLC, HLC, 3D DNR                                                                                                                                                                                                                                                                                |
| Privacy Mask                     | 4 programmable polygon privacy masks                                                                                                                                                                                                                                                            |
| Picture Overlay                  | LOGO picture can be overlaid on video with 128 × 128 24 bit bmp format.                                                                                                                                                                                                                         |
| <b>Interface</b>                 |                                                                                                                                                                                                                                                                                                 |
| 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.                                         |
| Audio                            | 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 K $\Omega$ , interface type: non-equilibrium,<br>1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 $\Omega$ , interface type: non-equilibrium |
| Alarm                            | 1 input, 1 output (max. 5 VDC, 0.1 A)                                                                                                                                                                                                                                                           |
| <b>Event</b>                     |                                                                                                                                                                                                                                                                                                 |
| Basic Event                      | Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error), alarm input and output                                                                                                                                      |
| Smart Event                      | Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, scene change detection, audio exception detection                                                                                    |
| Linkage                          | Upload to FTP, notify surveillance center, send email, trigger recording, trigger capture, trigger alarm output, audible warning                                                                                                                                                                |
| <b>General</b>                   |                                                                                                                                                                                                                                                                                                 |
| Power                            | 100 VAC to 240 VAC, 0.2 A, max. 7 W,<br>three-core terminal block,<br>PoE: IEEE 802.3af, Class 3, max. 7 W                                                                                                                                                                                      |
| Material                         | Anodized ADC12                                                                                                                                                                                                                                                                                  |
| Dimension                        | 243.6 mm × 194.8 mm × 184 mm (9.6" × 7.7" × 7.2")                                                                                                                                                                                                                                               |
| Package Dimension                | 430 mm × 250 mm × 275 mm (16.93" × 9.84" × 10.83")                                                                                                                                                                                                                                              |
| Weight                           | Approx. 3300 g (7.28 lb.)                                                                                                                                                                                                                                                                       |
| With Package Weight              | Approx. 4400 g (9.70 lb.)                                                                                                                                                                                                                                                                       |
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)                                                                                                                                                                                                                       |
| Language                         | 9 languages: English, Italian, French, Portuguese, Spanish, Russian, Japanese, Korean, Thai                                                                                                                                                                                                     |
| General Function                 | Heartbeat, mirror, flash log, password reset via e-mail, pixel counter, anti-banding                                                                                                                                                                                                            |

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cable Length               | 1.3 m or 5 m (4.26 ft. or 16.40 ft.)                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Approval</b>            |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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,<br>RCM: AS/NZS CISPR 32: 2015,<br>IC: ICES-003: Issue 7,<br>KC: KN32: 2015, KN35: 2015                                                                                                                                                                                                                     |
| Safety                     | CB: IEC 62368-1: 2014+A11,<br>CE-LVD: EN 62368-1: 2014/A11: 2017,<br>BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005,<br>LOA: IEC/EN 60950-1                                                                                                                                                                                                                                                                                          |
| Protection                 | IP68: IEC 60529-2013, IK10: IEC 62262:2002                                                                                                                                                                                                                                                                                                                                                                                           |
| Explosion-Proof Protection | ATEX: Ex II 2 G D Ex db IIC T6 Gb/Ex tb IIIC T80 °C Db IP68<br>IECEx: Ex db IIC T6 Gb/Ex tb IIIC T80 °C Db IP68<br>For explosive gas atmospheres, the maximum surface temperature is 85 °C;<br>For flammable dust atmospheres, the maximum surface temperature is 80 °C;<br>IIC: for explosive gas atmospheres other than mines susceptible to firedamp;<br>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 no 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.                                                                                                                                  |

## ▪ Available Model

DS-2XE6086G0-LIS(ADC)(2.8mm)1.3m

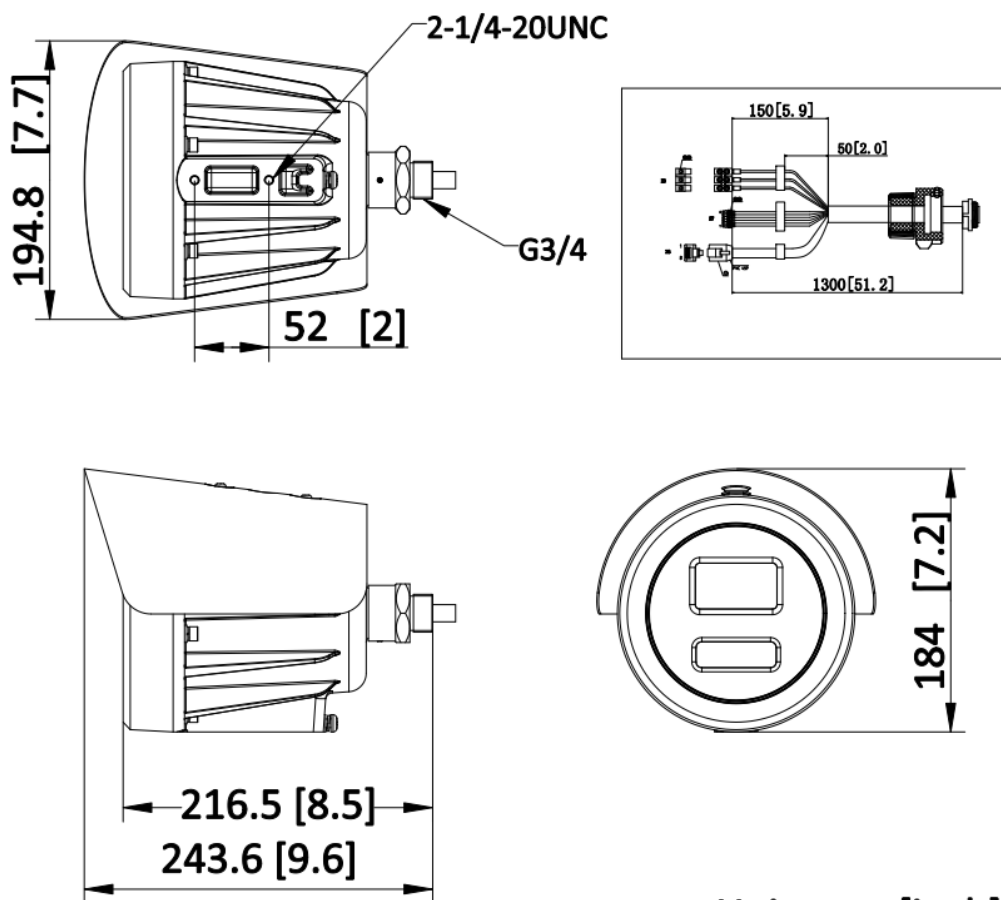
DS-2XE6086G0-LIS(ADC)(2.8mm)5m

DS-2XE6086G0-LIS(ADC)(4mm)1.3m

DS-2XE6086G0-LIS(ADC)(4mm)5m

DS-2XE6086G0-LIS(ADC)(6mm)1.3m

## ▪ Dimension



Unit: mm [inch]

SCALE 1:1

▪ Accessory

▪ Optional

| DS-2XE2703-M06(A)<br>DC)                                                            | DS-2XE2601-5(CS)                                                                    | DS-2XE2702-M04(A)<br>DC)                                                            | DS-1269ZJ-P-Y                                                                         | DS-1275ZJ-SUS                                                                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |
| DS-1293ZJ-P-Y                                                                       | DS-2XE2601-1(CS)                                                                    |                                                                                     |                                                                                       |                                                                                       |



# See Far, Go Further



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