

## DS-2CD1383G0E-I 8 MP Fixed Turret Network Camera



- High quality imaging with 8 MP resolution
- Efficient H.265+ compression technology
- Clear imaging even with strong back lighting due to 120 dB WDR
- Water and dust resistant (IP67)
- EXIR 2.0: advanced infrared technology with long IR range



## ▪ Specification

| Camera                   |                                                                                                                                                                                                                          |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor             | 1/2.8" Progressive Scan CMOS                                                                                                                                                                                             |
| Max. Resolution          | 3840 × 2160                                                                                                                                                                                                              |
| Shutter Time             | 1/3 s to 1/100,000 s                                                                                                                                                                                                     |
| Min. Illumination        | Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR                                                                                                                                                                     |
| Day & Night              | IR cut filter                                                                                                                                                                                                            |
| Angle Adjustment         | Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°                                                                                                                                                                     |
| Lens                     |                                                                                                                                                                                                                          |
| Lens Type                | Fixed focal lens, 2.8 and 4 mm optional                                                                                                                                                                                  |
| Focal Length & FOV       | 2.8 mm, horizontal FOV 108°, vertical FOV 60°, diagonal FOV 127°<br>4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°                                                                                        |
| Lens Mount               | M12                                                                                                                                                                                                                      |
| Iris Type                | Fixed                                                                                                                                                                                                                    |
| Aperture                 | F2.0                                                                                                                                                                                                                     |
| DORI                     |                                                                                                                                                                                                                          |
| DORI                     | 2.8 mm, D: 81 m, O: 32 m, R: 16 m, I: 8 m<br>4 mm, D: 106 m, O: 42 m, R: 21 m, I: 11 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:<br>12.5 fps (3840 × 2160),<br>20 fps (2592 × 1944),<br>25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)<br>60 Hz:<br>15 fps (3840 × 2160),<br>20 fps (2592 × 1944),<br>30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) |
| Sub-Stream               | 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)                                                                                                                     |
| Video Compression        | Main stream: H.265+/H.264+/H.265/H.264<br>Sub-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                                                                                                                                                                                                             |
| Bit Rate Control         | CBR/VBR                                                                                                                                                                                                                  |
| Region of Interest (ROI) | 1 fixed region for main stream                                                                                                                                                                                           |

| Network                          |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) |
| Simultaneous Live View           | Up to 6 channels                                                                                                                                                                                                                                                                                                                 |
| API                              | Open Network Video Interface (Profile S), ISAPI, SDK                                                                                                                                                                                                                                                                             |
| Protocols                        | TCP/IP, ICMP, DHCP, DNS, DDNS, HTTP, HTTPS, RTP, RTSP, NTP, UPnP, IGMP, IPv6, UDP, QoS, Bonjour, FTP, 802.1x, SMTP                                                                                                                                                                                                               |
| User/Host                        | Up to 32 users. 3 user levels: administrator, operator and user                                                                                                                                                                                                                                                                  |
| Client                           | iVMS-4200, Hik-Connect                                                                                                                                                                                                                                                                                                           |
| Web Browser                      | Plug-in required live view: IE 10, IE 11<br>Local service: Chrome 57.0+, Firefox 52.0+                                                                                                                                                                                                                                           |
| Image                            |                                                                                                                                                                                                                                                                                                                                  |
| Wide Dynamic Range (WDR)         | 120 dB                                                                                                                                                                                                                                                                                                                           |
| SNR                              | ≥ 52 dB                                                                                                                                                                                                                                                                                                                          |
| Day/Night Switch                 | Day, Night, Auto, Schedule                                                                                                                                                                                                                                                                                                       |
| Image Enhancement                | BLC, HLC, 3D DNR                                                                                                                                                                                                                                                                                                                 |
| Image Settings                   | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser.                                                                                                                                                                                                      |
| Privacy Mask                     | 4 regions of privacy mask                                                                                                                                                                                                                                                                                                        |
| Interface                        |                                                                                                                                                                                                                                                                                                                                  |
| Ethernet Interface               | 1 RJ45 10 M/100 M self-adaptive Ethernet port                                                                                                                                                                                                                                                                                    |
| Event                            |                                                                                                                                                                                                                                                                                                                                  |
| Basic Event                      | Motion detection , video tampering alarm, exception                                                                                                                                                                                                                                                                              |
| Linkage                          | Notify surveillance center, trigger capture                                                                                                                                                                                                                                                                                      |
| General                          |                                                                                                                                                                                                                                                                                                                                  |
| Power                            | 12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug<br>PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W                                                                                                                                                                                                    |
| Material                         | Metal & Plastic                                                                                                                                                                                                                                                                                                                  |
| Dimension                        | Ø110 mm × 92.4 mm (Ø4.3" × 3.6")                                                                                                                                                                                                                                                                                                 |
| Package Dimension                | 150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")                                                                                                                                                                                                                                                                                    |
| Weight                           | Approx. 330 g (0.7 lb.)                                                                                                                                                                                                                                                                                                          |
| With Package Weight              | Approx. 530 g (1.2 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                         | English, Ukrainian                                                                                                                                                                                                                                                                                                               |
| General Function                 | Anti-flicker, heartbeat, mirror, password protection, password reset via e-mail                                                                                                                                                                                                                                                  |

## Approval

|             |                                                                                                                                                                                                                                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EMC         | FCC (47 CFR Part 15, Subpart B)<br>CE-EMC (EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014)<br>RCM (AS/NZS CISPR 32: 2015)<br>IC (ICES-003: Issue 7)<br>KC (KN32: 2015, KN35: 2015) |
| Safety      | UL (UL 62368-1)<br>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)                                                                                        |
| Environment | CE-RoHS (2011/65/EU)<br>WEEE (2012/19/EU)<br>Reach (Regulation (EC) No 1907/2006)                                                                                                                                              |
| Protection  | IP67 (IEC 60529-2013)                                                                                                                                                                                                          |

## ▪ Available Model

DS-2CD1383G0E-I (2.8/4 mm)

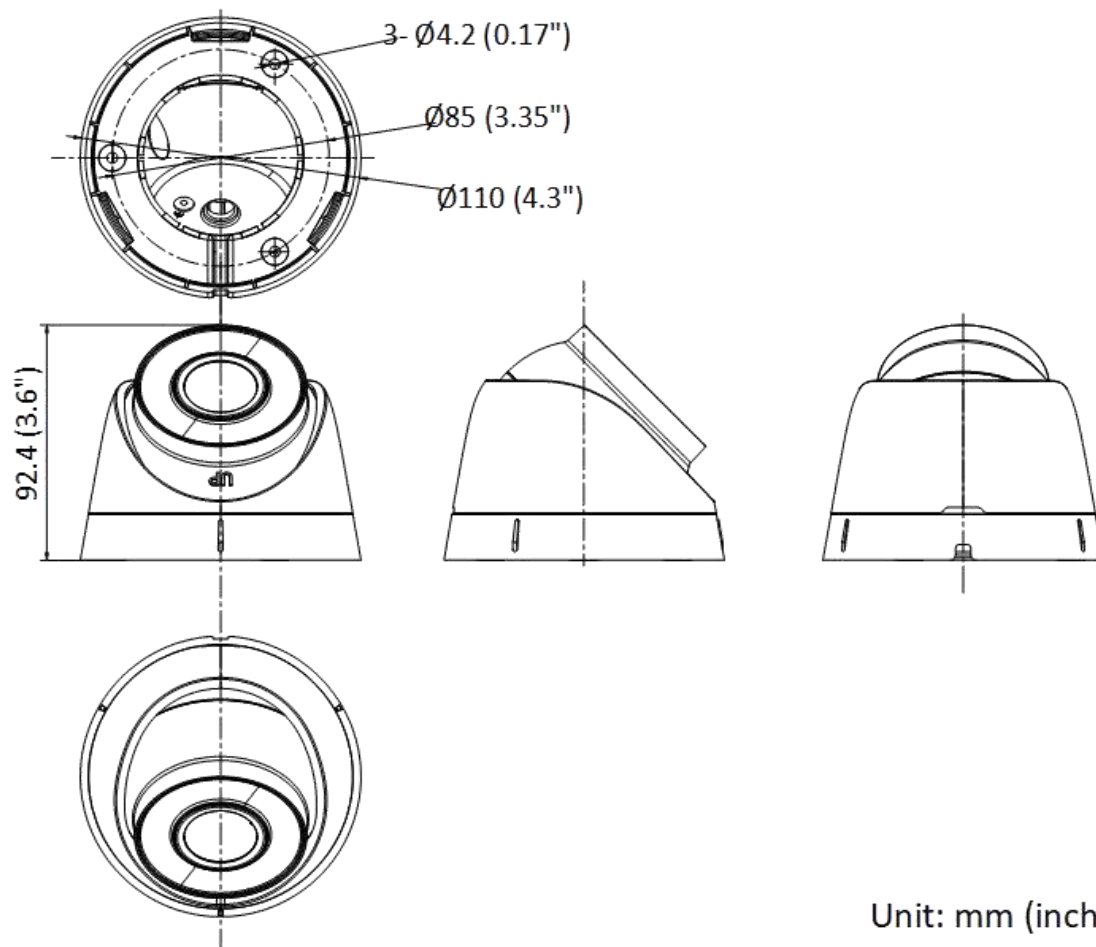
## Typical Application

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 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.                                                                                                                                  |

## ▪ Dimension



Unit: mm (inch)

## ▪ Accessory

### ▪ Optional

| DS-1272ZJ-110-TRS<br>Wall Mount                                                     | DS-1276ZJ-SUS<br>Corner Mount                                                       | DS-1275ZJ-SUS<br>Vertical Pole Mount                                                | DS-1280ZJ-S<br>Junction Box                                                           |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |

Distributed by

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