

## DS-2CD1063G2-LI 6 MP Smart Hybrid Light Fixed Bullet Network Camera



- High quality imaging with 6 MP resolution
- Support Human and Vehicle Detection
- Smart Hybrid Light: advanced technology with long range
- Water and dust resistant (IP67)
- Efficient H.265+ compression technology
- Support on-board storage up to 256 GB (SD card slot)  
(Optional)

## ▪ Specification

| Camera                   |                                                                                                                                                                                                                        |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor             | 1/2.4" Progressive Scan CMOS                                                                                                                                                                                           |
| Max. Resolution          | 3200 × 1800                                                                                                                                                                                                            |
| Shutter Time             | 1/3 s to 1/100,000 s                                                                                                                                                                                                   |
| Min. Illumination        | Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR                                                                                                                                                                  |
| Day & Night              | IR cut filter                                                                                                                                                                                                          |
| Angle Adjustment         | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°                                                                                                                                                                   |
| Lens                     |                                                                                                                                                                                                                        |
| Lens Type                | Fixed focal lens, 2.8 and 4 mm optional                                                                                                                                                                                |
| Focal Length & FOV       | 2.8 mm, horizontal FOV 105°, vertical FOV 55°, diagonal FOV 127°<br>4 mm, horizontal FOV 78°, vertical FOV 38°, diagonal FOV 96°                                                                                       |
| Lens Mount               | M12                                                                                                                                                                                                                    |
| Iris Type                | Fixed                                                                                                                                                                                                                  |
| Aperture                 | F1.6                                                                                                                                                                                                                   |
| DORI                     |                                                                                                                                                                                                                        |
| DORI                     | 2.8 mm, D: 76 m, O: 30 m, R: 15 m, I: 7 m<br>4 mm, D: 115 m, O: 45 m, R: 23 m, I: 11 m                                                                                                                                 |
| Illuminator              |                                                                                                                                                                                                                        |
| Supplement Light Type    | IR, White Light                                                                                                                                                                                                        |
| Supplement Light Range   | Up to 30 m                                                                                                                                                                                                             |
| Smart Supplement Light   | Yes                                                                                                                                                                                                                    |
| IR Wavelength            | 850 nm                                                                                                                                                                                                                 |
| Video                    |                                                                                                                                                                                                                        |
| Main Stream              | 50 Hz:<br>20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)<br>60 Hz:<br>20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)                                                                           |
| Sub-Stream               | 50 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360)                                                                                                                   |
| Video Compression        | Main stream: H.265+/H.265/H.264+/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, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address) |
| Simultaneous Live View   | Up to 6 channels                                                                                                                                                                                                       |
| API                      | Open Network Video Interface (Profile S, Profile T, Profile G (only -F model supports)), ISAPI, SDK                                                                                                                    |
| Protocols                | TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP                                                                                                                                         |

|                                  |                                                                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| User/Host                        | Up to 32 users<br>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+, Edge 89+                                                          |
| <b>Image</b>                     |                                                                                                                                                            |
| 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 programmable polygon privacy masks                                                                                                                       |
| <b>Interface</b>                 |                                                                                                                                                            |
| Ethernet Interface               | 1 RJ45 10 M/100 M self-adaptive Ethernet port                                                                                                              |
| On-Board Storage                 | -F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB                                                                      |
| Reset Key                        | -F: Yes                                                                                                                                                    |
| <b>Event</b>                     |                                                                                                                                                            |
| Basic Event                      | Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception                                |
| Linkage                          | Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture                                            |
| <b>General</b>                   |                                                                                                                                                            |
| Power                            | 12 VDC ± 25%, 0.41 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection,<br>PoE: IEEE 802.3af, Class 3, max. 6.5 W                         |
| Material                         | Metal & Plastic                                                                                                                                            |
| Dimension                        | 170.8 mm × 66 mm × 69.1 mm (6.7" × 2.6" × 2.7")                                                                                                            |
| Package Dimension                | 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")                                                                                                              |
| Weight                           | Approx. 285 g (0.6 lb.)                                                                                                                                    |
| With Package Weight              | Approx. 481 g (1.1 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                 | Heartbeat, anti-banding, mirror, password protection, password reset via email                                                                             |
| <b>Approval</b>                  |                                                                                                                                                            |
| EMC                              | 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 |
| 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                                                             |

## ▪ 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.

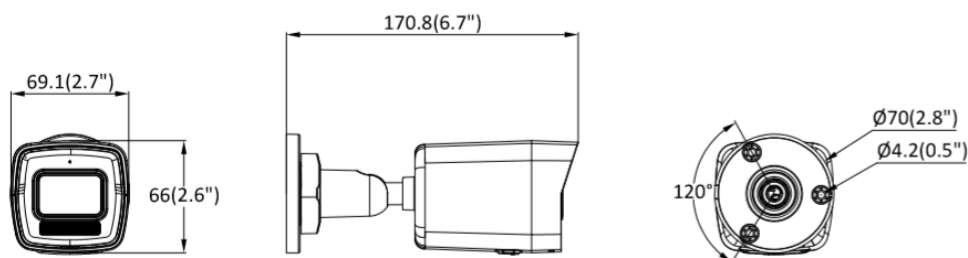
This model has NO SPECIFIC PROTECTION.

| 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-2CD1063G2-LI (2.8/4 mm)

## ▪ Dimension



Unit: mm (inch)

- **Accessory**
- **Optional**

**DS-1280ZJ-XS  
Junction Box**

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