

## DS-2CD1023G0E-I 2 MP Fixed Bullet Network Camera



- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to DWDR technology
- Water and dust resistant (IP67)
- EXIR 2.0: advanced infrared technology with long IR range

## ▪ Specification

| Camera                   |                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor             | 1/2.7" Progressive Scan CMOS                                                                                                                  |
| Max. Resolution          | 1920 × 1080                                                                                                                                   |
| Min. Illumination        | Color: 0.01 Lux @(F2.0, 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: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°                                                                                         |
| Lens                     |                                                                                                                                               |
| Focal Length & FOV       | 2.8 mm, horizontal FOV 112.1°, vertical FOV 60.0°, diagonal FOV 132.2°<br>4 mm, horizontal FOV 90.2°, vertical FOV 48.6°, diagonal FOV 107.6° |
| Lens Mount               | M12                                                                                                                                           |
| Iris Type                | Fixed                                                                                                                                         |
| Aperture                 | F2.0                                                                                                                                          |
| 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 (1920 × 1080, 1280 × 720)<br>60 Hz: 30 fps (1920 × 1080, 1280 × 720)                                                            |
| Sub-Stream               | 50 Hz: 25 fps (640 × 480, 640 × 360)<br>60 Hz: 30 fps (640 × 480, 640 × 360)                                                                  |
| Video Compression        | Main Stream: H.265/H.264/H.264+/H.265+<br>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                                                                                                                                  |
| Region of Interest (ROI) | 1 fixed region for main stream                                                                                                                |
| Network                  |                                                                                                                                               |
| Protocols                | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, SNMP, IGMP, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS         |
| Simultaneous Live View   | Up to 6 channels                                                                                                                              |
| API                      | Open Network Video Interface, ISAPI                                                                                                           |
| User/Host                | Up to 32 users. 3 levels: administrator, operator and user                                                                                    |
| Client                   | iVMS-4200, Hik-Connect                                                                                                                        |
| Web Browser              | Plug-in required live view: IE 10+<br>Plug-in free live view: Chrome 57.0+, Firefox 52.0+<br>Local service: Chrome 57.0+, Firefox 52.0+       |
| Image                    |                                                                                                                                               |
| Image Settings           | Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser.                                 |
| Day/Night Switch         | Day, Night, Auto, Schedule                                                                                                                    |
| Wide Dynamic Range (WDR) | Digital WDR                                                                                                                                   |
| SNR                      | ≥ 52 dB                                                                                                                                       |

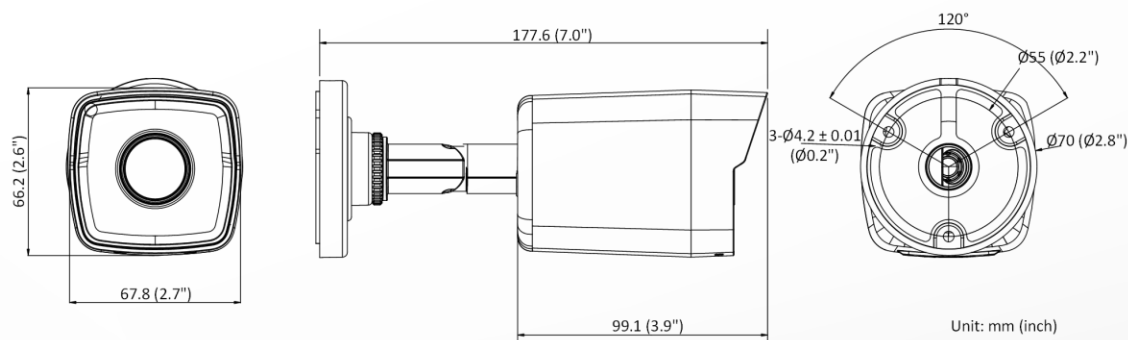
|                                  |                                                                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Enhancement                | BLC, 3D DNR                                                                                                                                                                                                                 |
| <b>Interface</b>                 |                                                                                                                                                                                                                             |
| Ethernet Interface               | 1 RJ45 10 M/100 M self-adaptive Ethernet port                                                                                                                                                                               |
| <b>Event</b>                     |                                                                                                                                                                                                                             |
| Basic Event                      | Motion detection, video tampering alarm, exception                                                                                                                                                                          |
| Linkage                          | Upload to FTP, notify surveillance center, send email                                                                                                                                                                       |
| <b>General</b>                   |                                                                                                                                                                                                                             |
| Power                            | 12 VDC $\pm$ 25%, 0.4 A, max. 5 W, $\varnothing$ 5.5 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                                                                              |
| Dimension                        | 177.6 mm $\times$ 66.2 mm $\times$ 67.8 mm (7.0" $\times$ 2.6" $\times$ 2.7")                                                                                                                                               |
| Package Dimension                | 216 mm $\times$ 121 mm $\times$ 118 mm (8.5" $\times$ 4.8" $\times$ 4.6")                                                                                                                                                   |
| Weight                           | Approx. 270 g (0.6 lb.)                                                                                                                                                                                                     |
| With Package Weight              | Approx. 490 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                 | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter                                                                                                                            |
| <b>Approval</b>                  |                                                                                                                                                                                                                             |
| EMC                              | FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 50130-4:2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015) |
| Safety                           | UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)                           |
| Environment                      | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)                                                                                                                                               |
| Protection                       | IP67 (IEC 60529-2013)                                                                                                                                                                                                       |

## ▪ Available Model

DS-2CD1023G0E-I(2.8mm)(C)

DS-2CD1023G0E-I(4mm)(C)

## ▪ Dimension

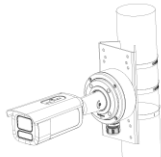
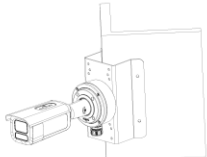
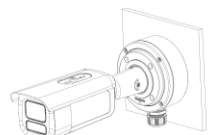


▪ **Accessory**

▪ **Optional**

| DS-1275ZJ-SUS                                                                     | DS-1276ZJ-SUS                                                                     | DS-1280ZJ-XS                                                                        |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |

▪ **Installation Methods**

| Vertical Pole<br>Mounting<br>DS-1275ZJ-SUS+DS-1280ZJ-XS                            | Corner Mounting<br>DS-1276ZJ-SUS+DS-1280ZJ-XS                                      | Junction Box<br>DS-1280ZJ-XS                                                        |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |

# See Far, Go Further



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