

## DS-2CD1021G0-I 2 MP Fixed Bullet Network Camera



- High quality imaging with 2 MP resolution
- Water and dust resistant (IP67)
- Easy installation with Power over Ethernet (PoE) technology

## ▪ Specification

| Camera                 |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor           | 1/2.9" Progressive Scan CMOS                                                                                                                          |
| Max. Resolution        | 1920 × 1080                                                                                                                                           |
| Min. Illumination      | Color: 0.01 Lux @ (F2.2, 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: 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 94°, vertical FOV 51°, diagonal FOV 112°<br>4 mm, horizontal FOV 80°, vertical FOV 44°, diagonal FOV 94°                       |
| Lens Mount             | M12                                                                                                                                                   |
| Iris Type              | Fixed                                                                                                                                                 |
| Aperture               | F2.2                                                                                                                                                  |
| DORI                   |                                                                                                                                                       |
| DORI                   | 2.8 mm, D: 48 m, O: 19 m, R: 9 m, I: 4 m<br>4 mm, D: 55 m, O: 22 m, R: 11 m, I: 5 m                                                                   |
| Illuminator            |                                                                                                                                                       |
| Supplement Light Type  | IR                                                                                                                                                    |
| Supplement Light Range | Up to 20 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.265/H.264+/H.264,<br>Sub-stream: H.265/H.264                                                                                    |
| 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                                                                                                                                              |
| Network                |                                                                                                                                                       |
| Security               | Password protection, complicated password, watermark, basic and digest authentication for HTTP, security audit log, host authentication (MAC address) |
| Simultaneous Live View | Up to 6 channels                                                                                                                                      |
| API                    | ISAPI, SDK                                                                                                                                            |
| Protocols              | TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, UDP, QoS                                                                                         |
| User/Host              | Up to 32 users<br>3 user levels: administrator, operator, and user                                                                                    |
| Client                 | iVMS-4200                                                                                                                                             |
| Web Browser            | Plug-in required live view: IE 10, IE 11,<br>Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+                                                     |

| Image                            |                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Wide Dynamic Range (WDR)         | Digital WDR                                                                                                                        |
| SNR                              | ≥ 52 dB                                                                                                                            |
| Day/Night Switch                 | Day, Night, Auto, Schedule                                                                                                         |
| Image Enhancement                | BLC, HLC, 3D DNR                                                                                                                   |
| Image Settings                   | Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser                     |
| Interface                        |                                                                                                                                    |
| Ethernet Interface               | 1 RJ45 10 M/100 M self-adaptive Ethernet port                                                                                      |
| Event                            |                                                                                                                                    |
| Basic Event                      | Motion detection, exception                                                                                                        |
| Linkage                          | Notify surveillance center                                                                                                         |
| General                          |                                                                                                                                    |
| 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                         | Plastic                                                                                                                            |
| Dimension                        | 138.8 mm × 60.9 mm × 57.9 mm (5.5" × 2.4" × 2.3")                                                                                  |
| Package Dimension                | 163 mm × 75 mm × 75 mm (6.4" × 3.0" × 3.0")                                                                                        |
| Weight                           | Approx. 175 g (0.4 lb.)                                                                                                            |
| With Package Weight              | Approx. 250 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                                                     |
| Approval                         |                                                                                                                                    |
| EMC                              | CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014                                  |
| Safety                           | CB: IEC 62368-1: 2014+A11,<br>CE-LVD: EN 62368-1: 2014/A11: 2017                                                                   |
| 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.

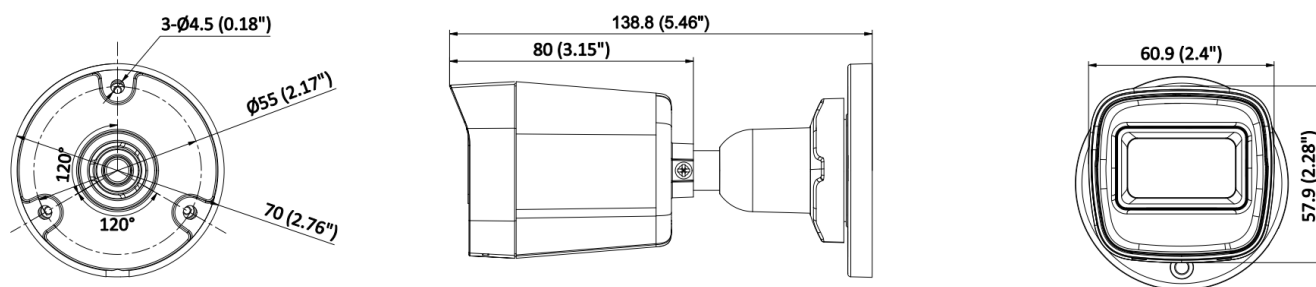
This model has NO SPECIFIC PROTECTION.

| 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-2CD1021G0-I (2.8/4 mm)

## ▪ Dimension



Unit:mm (inch)

## ▪ Accessory

### ▪ Optional

| DS-2280ZJ<br>Wall Mount                                                             | DS-1280ZJ-XS<br>Junction Box                                                        |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |

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