

## DS-2CD1053G0-I 5 MP IR Fixed Network Bullet Camera



### Key Features

- 1/2.7" Progressive Scan CMOS
- 2560 × 1920 @15fps
- Color: 0.01 Lux @(F1.2; AGC ON), 0.028 Lux @(F2.0; AGC ON)
- 2.8/4/6 mm fixed lens
- H.265+, H.265, H.264+, H.264
- 3D Digital Noise Reduction
- IP67



## Specifications

| <b>Camera</b>                                                                                             |                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                                                                                              | 1/2.7" Progressive Scan CMOS                                                                                                                                                                                                  |
| Min. Illumination                                                                                         | Color: 0.01 Lux @(F1.2; AGC ON), 0.028 Lux @(F2.0; AGC ON)                                                                                                                                                                    |
| Shutter Speed                                                                                             | 1/3 s to 1/100,000 s                                                                                                                                                                                                          |
| Slow Shutter                                                                                              | Yes                                                                                                                                                                                                                           |
| Auto-Iris                                                                                                 | No                                                                                                                                                                                                                            |
| Day & Night                                                                                               | IR Cut Filter                                                                                                                                                                                                                 |
| Digital Noise Reduction                                                                                   | 3D DNR                                                                                                                                                                                                                        |
| Wide Dynamic Range                                                                                        | 120 dB                                                                                                                                                                                                                        |
| 3-Axis Adjustment                                                                                         | Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°                                                                                                                                                                         |
| <b>Lens</b>                                                                                               |                                                                                                                                                                                                                               |
| Focal Length                                                                                              | 2.8/4/6 mm                                                                                                                                                                                                                    |
| Aperture                                                                                                  | F2.0                                                                                                                                                                                                                          |
| Focus                                                                                                     | Fixed                                                                                                                                                                                                                         |
| FOV                                                                                                       | 2.8 mm, horizontal FOV: 100°, vertical FOV: 74°, diagonal FOV: 130°<br>4 mm, horizontal field of view: 75°, vertical FOV: 55°, diagonal FOV: 98°<br>6 mm, horizontal field of view: 49°, vertical FOV: 37°, diagonal FOV: 60° |
| Lens Mount                                                                                                | M12                                                                                                                                                                                                                           |
| <b>IR</b>                                                                                                 |                                                                                                                                                                                                                               |
| IR Range                                                                                                  | Up to 30 m                                                                                                                                                                                                                    |
| Wavelength                                                                                                | 850nm                                                                                                                                                                                                                         |
| <b>Compression Standard</b>                                                                               |                                                                                                                                                                                                                               |
| Video Compression                                                                                         | Main stream: H.265/H.264<br>Sub-stream: H.265/H.264/MJPEG                                                                                                                                                                     |
| H.264 Type                                                                                                | Baseline Profile/Main Profile/High Profile                                                                                                                                                                                    |
| H.264+                                                                                                    | Main stream supports                                                                                                                                                                                                          |
| H.265 Type                                                                                                | Main Profile                                                                                                                                                                                                                  |
| H.265+                                                                                                    | Main stream supports                                                                                                                                                                                                          |
| Video Bit Rate                                                                                            | 32 Kbps to 8Mbps                                                                                                                                                                                                              |
| <b>Smart Feature-set</b>                                                                                  |                                                                                                                                                                                                                               |
| Region of Interest                                                                                        | Support 1 fixed region for main stream and sub-stream                                                                                                                                                                         |
| <b>Image</b>                                                                                              |                                                                                                                                                                                                                               |
| Max. Resolution                                                                                           | 2560 × 1920                                                                                                                                                                                                                   |
| Main Stream                                                                                               | 50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720)<br>60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)                                |
| Sub Stream                                                                                                | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)<br>60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)                                                                                                                                |
| Image Enhancement                                                                                         | BLC/3D DNR                                                                                                                                                                                                                    |
| Image Settings                                                                                            | Saturation, brightness, contrast and sharpness are adjustable via client software and web browser                                                                                                                             |
| Day/Night Switch                                                                                          | Auto/Scheduled/Day/Night                                                                                                                                                                                                      |
| * Note: The frame rate of the sub-stream cannot exceed the maximum frame rate of the current main stream. |                                                                                                                                                                                                                               |
| <b>Network</b>                                                                                            |                                                                                                                                                                                                                               |
| Alarm Trigger                                                                                             | Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD error, HDD full                                                                                                              |

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Network Storage               | NAS (NFS,SMB/CIFS)                                                                                                                    |
| Protocols                     | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, QoS, IPv6, UDP, Bonjour, 802.1x |
| General Function              | Heartbeat, mirror, password protection, privacy mask, watermark, IP address filter                                                    |
| Firmware Version              | V5.5.52                                                                                                                               |
| API                           | ONVIF(PROFILE S,PROFILE G), ISAPI                                                                                                     |
| Simultaneous Live View        | Up to 6 channels                                                                                                                      |
| User/Host                     | Up to 32 users<br>3 levels: Administrator, Operator and User                                                                          |
| Client                        | iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500                                                                                          |
| Web Browser                   | IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+                                                                                    |
| <b>Interface</b>              |                                                                                                                                       |
| Communication Interface       | 1 RJ45 10M/100M self-adaptive Ethernet port                                                                                           |
| <b>General</b>                |                                                                                                                                       |
| Operating Conditions          | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)                                                           |
| Power Supply                  | 12 VDC ± 25%<br>PoE: 802.3af, class 3                                                                                                 |
| Power Consumption and Current | 12 VDC, 0.5 A, max. 5 W<br>PoE (802.3af, 36 to 57 V), 0.2 A to 0.1 A, max. 6.5 W                                                      |
| Protection Level              | IP67                                                                                                                                  |
| Material                      | Front cover: metal, bracket: plastic, camera body: plastic                                                                            |
| Dimensions                    | Camera: Ø 70 mm × 172.7mm (2.7" × 6.8")<br>With package: 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")                                |
| Weight                        | Camera: 300g (0.7 lb)<br>With package: 550g (1.2 lb)                                                                                  |

## Available Models:

DS-2CD1053G0-I(2.8/4/6 mm)

## ▪ Typical Application

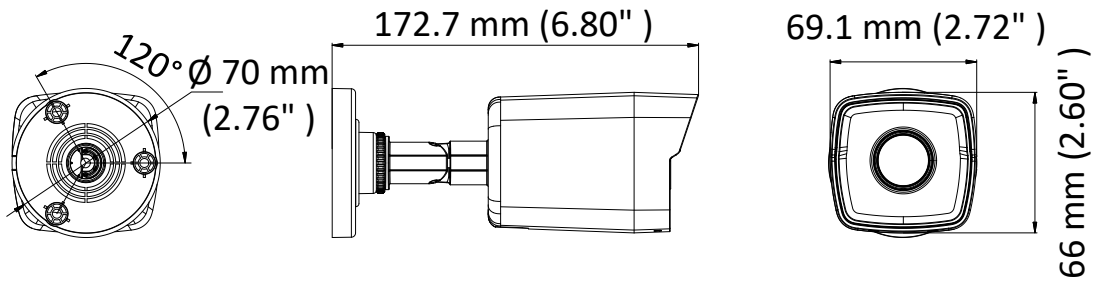
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

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.                                                     |

**Dimensions**



**Accessory**



DS-1280ZJ-XS  
Junction Box

Distributed by

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