

## DS-2CD1053G0-I(UF) 5 MP Fixed Bullet Network Camera



- High quality imaging with 5 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
- 3D DNR technology delivers clean and sharp images



## ▪ Specification

| Camera                      |                                                                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                          |
| Day & Night                 | IR Cut Filter                                                                                                                                                                                                |
| Wide Dynamic Range          | 120 dB                                                                                                                                                                                                       |
| Angle Adjustment            | Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°                                                                                                                                                        |
| DNR                         | 3D DNR                                                                                                                                                                                                       |
| Lens                        |                                                                                                                                                                                                              |
| Lens                        | 2.8/4 mm                                                                                                                                                                                                     |
| Aperture                    | F2.0                                                                                                                                                                                                         |
| Focus                       | Fixed                                                                                                                                                                                                        |
| FOV                         | 2.8 mm, horizontal FOV: 98°, vertical FOV: 72°, diagonal FOV: 127°<br>4 mm, horizontal field of view: 77°, vertical FOV: 56°, diagonal FOV: 102°                                                             |
| Lens Mount                  | M12                                                                                                                                                                                                          |
| Illuminator                 |                                                                                                                                                                                                              |
| IR Range                    | Up to 30 m                                                                                                                                                                                                   |
| Wavelength                  | 850 nm                                                                                                                                                                                                       |
| Video                       |                                                                                                                                                                                                              |
| Max. Resolution             | 2560 × 1920                                                                                                                                                                                                  |
| Main Stream                 | 50Hz: 12.5 fps (2560 × 1920)<br>20 fps (2560 × 1440)<br>25 fps (2304 × 1296, 1920 × 1080, 1280 × 720)<br>60Hz: 15 fps (2560 × 1920)<br>20 fps (2560 × 1440)<br>30 fps (2304 × 1296, 1920 × 1080, 1280 × 720) |
| Sub Stream                  | 50Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)<br>60Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)                                                                                                             |
| 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.265 Type                  | Main Profile                                                                                                                                                                                                 |
| Video Bit Rate              | 32 Kbps to 8 Mbps                                                                                                                                                                                            |
| Audio                       |                                                                                                                                                                                                              |
| Audio Compression           | -UF: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC                                                                                                                                                         |
| Audio Bit Rate              | -UF: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC)                                                                                                            |
| Audio Sampling Rate         | -UF: 8 kHz/16 kHz                                                                                                                                                                                            |
| Environment Noise Filtering | -UF: Yes                                                                                                                                                                                                     |
| Smart Feature-Set           |                                                                                                                                                                                                              |
| Region of Interest          | Support 1 fixed region for main stream                                                                                                                                                                       |

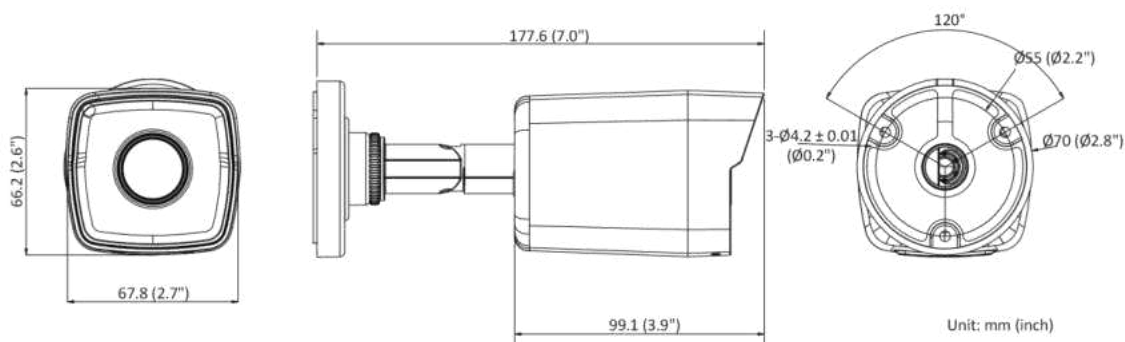
| Image                            |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Image Enhancement                | HLC/BLC/3D DNR                                                                                                           |
| Image Setting                    | Saturation, brightness, contrast and sharpness are adjustable via client software and web browser                        |
| Day/Night Switch                 | Auto/Schedule/Day/Night                                                                                                  |
| Network                          |                                                                                                                          |
| Protocols                        | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, QoS, IPv6, UDP, Bonjour, 802.1x |
| API                              | Open Network Video Interface (Profile S, Profile G), ISAPI, SDK                                                          |
| Simultaneous Live View           | Up to 6 channels                                                                                                         |
| User/Host                        | Up to 32 users, 3 levels: Administrator, Operator and User                                                               |
| Client                           | iVMS-4200, Hik-Connect, iVMS-5200                                                                                        |
| Web Browser                      | Plug-in required live view: IE 10, IE 11<br>Local service: Chrome 57.0+, Firefox 52.0+                                   |
| Alarm Trigger                    | Motion detection, video tampering, exception (network disconnected, IP address conflict, illegal login, HDD error)       |
| Interface                        |                                                                                                                          |
| Communication Interface          | 1 RJ45 10M/100M self-adaptive Ethernet port                                                                              |
| On-board Storage                 | Built-in micro SD/SDHC/SDXC slot, up to 256 GB                                                                           |
| Built-in Microphone              | -UF: Yes                                                                                                                 |
| Hardware Reset                   | -UF: Yes                                                                                                                 |
| Compression Standard             |                                                                                                                          |
| H.264+                           | Main stream supports                                                                                                     |
| H.265+                           | Main stream supports                                                                                                     |
| General                          |                                                                                                                          |
| Firmware Version                 | V5.5.122                                                                                                                 |
| Web Client Language              | English, Ukrainian                                                                                                       |
| General Function                 | Heartbeat, mirror, password protection, privacy mask, watermark, IP address filter                                       |
| Startup and 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, 0.4 A, max. 5 W<br>PoE (802.3af, 36 to 57 V), 0.2 A to 0.15 A, max. 6.5 W                                        |
| Material                         | Front cover: metal, bracket: plastic, camera body: plastic                                                               |
| Dimensions                       | Camera: 177.6 mm × 66.2 mm × 67.8 mm (7.0" × 2.6" × 2.7")<br>With package: 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6") |
| Weight                           | Camera: approx. 270 g (0.6 lb.)<br>With package: approx. 490 g (1.1 lb.)                                                 |
| Interface Protection             | IP67 (IEC 60529-2013)                                                                                                    |

#### ▪ Available Model

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

DS-2CD1053G0-IUF (2.8/4 mm)

## Dimension



## Accessory

### Optional

#### DS-1280ZJ-XS

#### Junction Box



Distributed by

# HIKVISION®

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