

DS-2CD3051G0-I(UF) 5 MP Fixed Bullet Network Camera



- High quality imaging with 5 MP resolution
- Efficient H.265+ compression technology to save bandwidth and storage
- Clear imaging against strong back light due to WDR technology
- 3D DNR technology delivers clean and sharp images
- Built-in microphone for real-time audio security
- Water and dust resistant (IP67)

▪ Specification

| Camera | |
|-----------------------------|--|
| Image Sensor | 1/2.7" Progressive Scan CMOS |
| Max. Resolution | 2560 × 1920 |
| Min. Illumination | Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR |
| Shutter Time | 1/3 s to 1/100,000 s |
| Angle Adjustment | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° |
| Lens | |
| Focal Length & FOV | 2.8 mm, horizontal FOV 99°, vertical FOV 72°, diagonal FOV 130° 4 mm, horizontal FOV 78°, vertical FOV 57°, diagonal FOV 100° 6 mm, horizontal FOV 49°, vertical FOV 36°, diagonal FOV 63° |
| Lens Mount | M12 |
| Aperture | F1.6 |
| DORI | |
| DORI | 2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m 4 mm, D: 79 m, O: 31 m, R: 15 m, I: 7 m 6 mm, D: 128 m, O: 50 m, R: 25 m, I: 12 m |
| Illuminator | |
| Supplement Light Range | Up to 40 m |
| Smart Supplement Light | Yes |
| IR Wavelength | 850 nm |
| Video | |
| Main Stream | 50 Hz: 20 fps (2560 × 1920), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1920), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720) |
| Sub-Stream | 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360) |
| Third Stream | 50 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) |
| Video Compression | Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 |
| Video Bit Rate | 32 Kbps to 16 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 and sub-stream |
| Audio | |
| Audio Compression | -UF: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC |
| Audio Bit Rate | -UF: 64 Kbps(G.711 ulaw/G.711 alaw)/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 | Yes |

| Network | |
|----------------------------------|--|
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, IGMP, 802.1X, 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+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ 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) | 120 dB |
| Image Enhancement | BLC, HLC, 3D DNR |
| Interface | |
| Ethernet Interface | 1 RJ45 10 M/100 M self-adaptive Ethernet port |
| Built-in Microphone | -UF: Yes |
| On-Board Storage | -UF: Built-in memory card slot, support microSD card, up to 256 GB |
| Reset Key | -UF: Yes |
| Event | |
| Basic Event | Motion detection, video tampering alarm, exception |
| Smart Event | Line crossing detection, intrusion detection |
| Linkage | -I: Upload to FTP, notify surveillance center, send email, trigger capture -UF: Upload to FTP/memory card, notify surveillance center, send email, trigger recording, trigger capture |
| General | |
| Power | 12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W |
| Dimension | 170.8 mm × 66 mm × 69.1 mm (6.72" × 2.59" × 2.7") |
| Package Dimension | 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6") |
| Weight | Approx. 270 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 | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter |
| Approval | |
| EMC | FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3:2013+A1:2019, EN 50130-4: 2011 +A1: 2014); KC (KN 32: 2015, KN 35: 2015) |

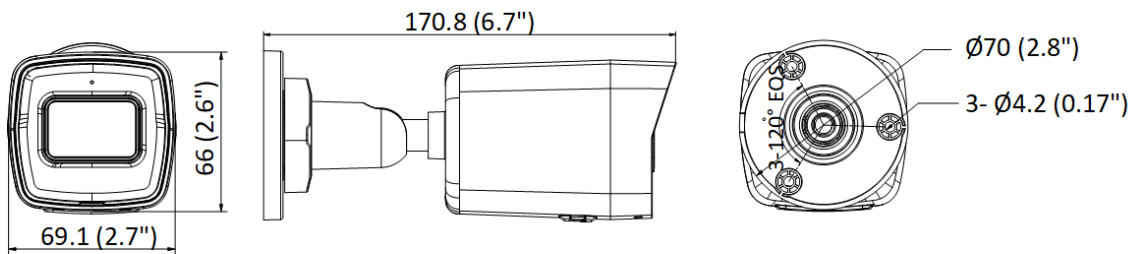
| | |
|-------------|---|
| Safety | UL (UL 62368-1) CB (IEC 62368-1: 2014+A11) CE-LVD (EN 62368-1: 2014/A11: 2017) BIS (IS 13252 (Part 1): 2010/IEC 60950-1: 2005) |
| Environment | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) |
| Protection | IP67 (IEC 60529-2013) |

▪ **Available Model**

DS-2CD3051G0-I(2.8/4/6mm)(C)

DS-2CD3051G0-IUF(2.8/4/6mm)(C)

▪ **Dimension**



Unit: mm (inch)

▪ **Accessory**

▪ **Optional**

| ▪ DS-1275ZJ-SUS ▪ Vertical pole mount | DS-1276ZJ-SUS Corner mount | DS-1280ZJ-XS Junction box |
|--|-------------------------------|------------------------------|
| | | |
| | | |

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