

DS-2CD1T47G0-L(UF) 4 MP ColorVu Fixed Bullet Network Camera

ColorVu



Hikvision ColorVu technology provides 24/7 vivid colorful images with F1.0 advanced lenses and high performance sensors. F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology can vastly improve the utilization of available light.

- High quality imaging with 4 MP resolution
- Excellent low-light performance
- Efficient H.265+ compression technology
- Water and dust resistant (IP67)
- 24/7 colorful imaging



▪ Specification

| Camera | |
|-----------------------------|--|
| Image Sensor | 1/3" Progressive Scan CMOS |
| Max. Resolution | 2560 × 1440 |
| Min. Illumination | Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with white light |
| Shutter Speed | 1/3 s to 1/100, 000 s |
| Day & Night | 24/7 Color imaging |
| Angle Adjustment | Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360° |
| Lens | |
| Lens Type | Fixed focal lens, 4 and 6 mm optional |
| Focal Length & FOV | 4 mm, horizontal FOV 75.8°, vertical FOV 40.8°, diagonal FOV 89.1° 6 mm, horizontal FOV 49.9°, vertical FOV 27.4°, diagonal FOV 57.8° |
| Lens Mount | M12 |
| Iris Type | Fixed |
| Aperture | F1.0 |
| DORI | |
| DORI | 4 mm, D: 77.4 m, O: 30.7m, R: 15.5m, I: 7.7 m 6 mm, D: 120 m, O: 47.6m, R: 24m, I: 12 m |
| Illuminator | |
| Supplement Light Type | White Light |
| Supplement Light Range | Up to 50 m |
| Smart Supplement Light | Yes |
| Video | |
| Main Stream | 50 Hz: 20 fps (2560 × 1440), 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440), 30 fps (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) |
| Video Compression | Main stream: H.265+/H.264+/H.265/H.264 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 |
| Audio | |
| Audio Compression | -UF: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC |
| Audio Bit Rate | -UF: 64 Kbps (G.711ulaw/G.711alaw)/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 |

| 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, 3D DNR |
| Interface | |
| Ethernet Interface | 1 RJ45 10 M/100 M self-adaptive Ethernet port |
| On-Board Storage | -UF: Built-in memory card slot, support microSD card, up to 256 GB |
| Built-in Microphone | -UF: Yes |
| Hardware Reset | -UF: Yes |
| Event | |
| Basic Event | Motion detection, video tampering alarm, exception |
| Linkage | Upload to FTP/memory card (-UF), notify surveillance center, send email, trigger recording (-UF), 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 |
| Camera Material | Front cover: metal, body: plastic, bracket: metal |
| Camera Dimension | 83.7 mm × 80.7 mm × 205.6 mm (3.3" × 3.2" × 8.1") |
| Package Dimension | 260 mm × 125 mm × 125 mm (10.2" × 4.9" × 4.9") |
| Camera Weight | Approx. 430 g (0.95 lb.) |
| With Package Weight | Approx. 648 g (1.42 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; RCM: AS/NZS CISPR 32: 2015; KC: KN 32: 2015, KN 35: 2015 |

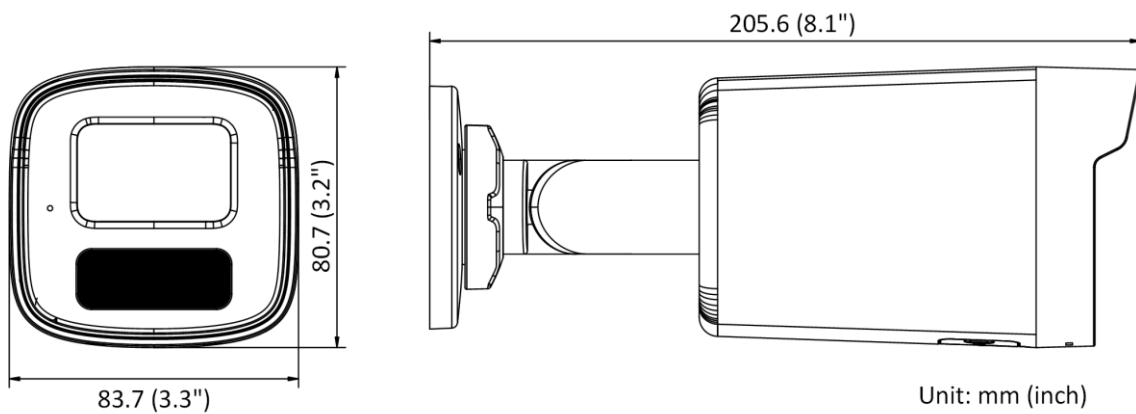
| | |
|-------------|---|
| Safety | UL: UL 62368-1; CB: IEC 62368-1: 2014+A11; CE-LVD: EN 62368-1: 2014/A11: 2017; BIS: IS 13252 (Part 1): 2010/ IEC 60950-1: 2005 |
| Environment | CE-RoHS: 2011/65/EU; WEEE: 2012/19/EU; Reach: Regulation (EC) No 1907/2006 |
| Protection | IP67: IEC 60529-2013 |

▪ **Available Model**

DS-2CD1T47G0-L (4/6 mm)

DS-2CD1T47G0-LUF (4/6 mm)

▪ **Dimension**



▪ **Accessory**

▪ **Optional**

DS-1280ZJ-XS

Junction Box



Distributed by

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