

**4MP Bullet IP Camera with 2.8mm****DS-2CD2T47G2-L 2.8mm****SKU: 112997**

- High-quality imaging with 4MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong backlight due to 130 dB WDR technology
- Focus on human and vehicle targets classification based on deep learning
- 24/7 colorful imaging
- Water and dust resistant (IP67)

Specifications Image Sensor 1/1.8" Progressive Scan CMOS Resolution 2688 x 1520 Illumination Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light 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 Lens Type Fixed focal lens, 2.8, 4, and 6 mm optional Focal Length & FOV 8 mm, horizontal FOV 112°, vertical FOV 61°, diagonal FOV 134° 4 mm, horizontal FOV 95°, vertical FOV 51°, diagonal FOV 115° 6 mm, horizontal FOV 58°, vertical FOV 31°, diagonal FOV 69° Lens Mount M16 Iris Type Fixed Aperture 0 Depth Of Field 8 mm, 2.5 m to ∞ 4 mm, 3.5 m to ∞ 6 mm, 7.5 m to ∞ DORI DORI 8 mm, D: 58 m, O: 23 m, R: 11 m, I: 2 m 4 mm, D: 77 m, O: 30 m, R: 15 m, I: 7 m 6 mm, D: 115 m, O: 45 m, R: 23 m, I: 11 m Illuminator Supplement Light Type White Light Supplement Light Range 60 m Smart Supplement Light Yes Video Main Stream 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720) Sub-Stream 50 Hz: 25 fps (640 x 480, 640 x 360) 60 Hz: 30 fps (640 x 480, 640 x 360) Third Stream 50 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) 60 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) *Third stream is supported under certain settings. 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 *Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps 264 Type Baseline Profile/Main Profile/High Profile 265 Type Main Profile Bit Rate Control CBR/VBR Scalable Video Coding (SVC) 264 and H.265 encoding Region Of Interest (ROI) 1 fixed region for main stream and sub-stream Network Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, ARP, WebSocket, WebSockets Simultaneous Live View Up to 6 channels API Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK User/Host Up to 32 users. 3 user levels: administrator, operator and user Security Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface Network Storage MicroSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Together with high-end Hikvision memory card, memory card encryption and health detection are supported Client iVMS-4200, Hik-Connect, Hik-Central 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 Parameters Switch Yes Image Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Day/Night Switch Auto, Schedule Wide Dynamic Range (WDR) 130 dB SNR ∞ 52 dB Image Enhancement BLC, HLC, 3D DNR Interface Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port On-Board Storage Built-in micro SD/SDHC/SDXC slot, up to 256 GB Reset Key Yes Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection Linkage Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger capture, send email Deep Learning Function Face Capture Yes General Power 12 VDC ± 25%, 0.7 A, max. 8.5 W, ∞ 5.5 mm coaxial power plug PoE: 802.3af, 36 V to 57 V, 0.30 A to 0.18 A, max. 10.5 W Dimension ∞ 105 mm x 289.5 mm (∞ 4.1" x 11.4") Package Dimension 385 mm x 190 mm x 180 mm (15.2" x 7.5" x 7.1") 1170 g (2.4 lb.) With Package Weight 1689 g (3.5 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 33 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian,

Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian General Function Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter Approval EMC FCC SDoC (47 CFR Part 15, Subpart B CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015) Safety UL (UL 60950-1); CB (IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013, IEC 62368-1: 2014); CE-LVD (EN 60950-1: 2005 + Am 1: 2009 + Am 2: 2013, IEC 62368-1: 2014); BIS (IS 13252(Part 1): 2010+A1: 2013+A2: 2015); LOA (IEC/EN 60950-1) Environment CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) Protection IP67 (IEC 60529-2013)