DS-2CD1T47G3H-LIU(F)(/SL)(/SRB)
4 MP ColorVu 3.0 Fixed Bullet Network Camera

- HikAI-ISP for excellent noise reduction effect
- Super clear 24/7 colorful imaging with ColorVu 3.0 technology
- Motion Detection 3.0, more accurate on person and vehicle classification
- /SL/SRB: Provide real-time security via built-in two-way audio and strobe light alarm
- Smart Hybrid Light: integrates IR and white lights, 3 supplemental lighting modes
- -F: Support on-board storage up to 512 GB (SD card slot) (Optional)
- Water and dust resistant (IP67)

▪ Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	Color: 0.0001 Lux @ (F1.0, AGC ON)
Shutter Time	1 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	DS-2CD1T47G3H-LIU(F)(/SL)(/SRB):Pan: 0° to 360°,tilt: 0° to 180°,rotate: 0° to 360° Pan: 0° to 360°,tilt: 0° to 90°,rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 104°, vertical FOV 54.4°, diagonal FOV 126.7° 4 mm, horizontal FOV 89.3°, vertical FOV 48.2°, diagonal FOV 106.5°
Lens Mount	M16
Iris Type	Fixed
Aperture	F1.0
Depth of Field	2.8 mm: 2.5 m to ∞ 4 mm: 2.8 m to ∞
DORI	
DORI	2.8 mm, D: 61 m, O: 24 m, R: 12 m, I: 6 m 4 mm, D: 68 m, O: 27 m, R: 13 m, I: 6 m
Illuminator	
Supplement Light Type	IR,White Light
Supplement Light Range	Up to 50 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (768 × 432, 640 × 360) 60 Hz: 24 fps (768 × 432, 640 × 360)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Baseline Profile,Main Profile,High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR,VBR
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream
Audio	
Audio Type	Mono sound
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)

Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IPv4, IPv6, IGMP, UDP, QoS, FTP, SMTP
Simultaneous Live View	Up to 6 channels
API	ONVIF (Profile S, Profile G, Profile T),ISAPI,SDK,ISUP
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)
Client	iVMS-4200,Hik-Connect
Web Browser	Plug-in required live view: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+, Plug-in free live view: Chrome 80+, Firefox 80+, Edge 89+
Image	
Image Settings	Rotate mode,saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser
Day/Night Switch	Day,Night,Auto,Schedule
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Image Enhancement	BLC,HLC,3D DNR
Privacy Mask	4 programmable polygon privacy masks
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	LIUF、LIUF/SL(RB)：Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB； LIU、LIU/SL(RB)：NA；
Built-in Microphone	Yes,1 built-in microphone

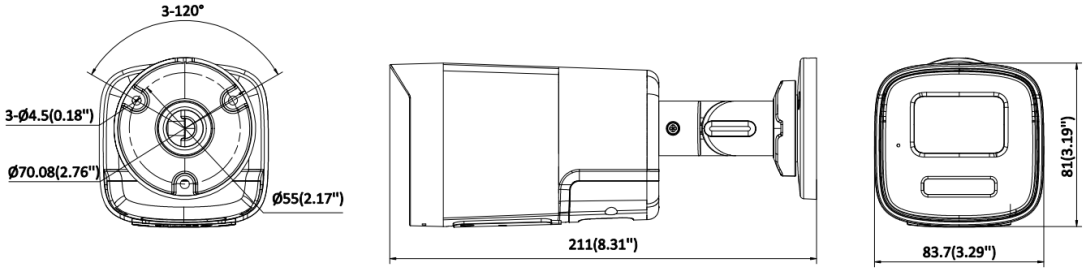
Built-in Speaker	DS-2CD1T47G3H-LIU(F)(/SL)(/SRB):LIU(F)/SL(RB)：1 built-in speaker,Max. power consumption: 1.5 W, max. sound pressure level: 10 cm: 95 dB； LIU(F)：NA； DS-2CD1T47G3H-LIUF(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF(4mm)(海外标配),DS-2CD1T47G3H-LIUF(2.8mm)(海外中性),DS-2CD1T47G3H-LIUF(4mm)(海外中性),DS-2CD1T47G3H-LIU(2.8mm)(海外标配),DS-2CD1T47G3H-LIU(4mm)(海外标配),DS-2CD1T47G3H-LIU(2.8mm)(海外中性),DS-2CD1T47G3H-LIU(4mm)(海外中性):NA DS-2CD1T47G3H-LIUF/SL(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF/SL(4mm)(海外标配),DS-2CD1T47G3H-LIUF/SL(2.8mm)(海外中性),DS-2CD1T47G3H-LIUF/SL(4mm)(海外中性),DS-2CD1T47G3H-LIUF/SRB(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF/SRB(4mm)(海外标配),DS-2CD1T47G3H-LIUF/SRB(2.8mm)(海外中性),DS-2CD1T47G3H-LIUF/SRB(4mm)(海外中性):Max. power consumption: 1.5 W, max. sound pressure level: 10 cm: 95 dB.
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)),video tampering alarm,exception
Linkage	Upload to FTP,notify surveillance center,send email,trigger recording,trigger capture

General	
Power	DS-2CD1T47G3H-LIU(F)(/SL)(/SRB):LIU(F)/SL(RB) ：12 VDC ± 25%, 0.84 A, max. 10.08 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3,max. 12 W ； LIU(F) ：12 VDC ± 25%, 0.64 A, max. 7.68 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3,max. 9.21 W ； DS-2CD1T47G3H-LIUF(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF(4mm)(海外标配),DS-2CD1T47G3H-LIUF(2.8mm)(海外中性),DS-2CD1T47G3H-LIUF(4mm)(海外中性),DS-2CD1T47G3H-LIU(2.8mm)(海外标配),DS-2CD1T47G3H-LIU(4mm)(海外标配),DS-2CD1T47G3H-LIU(2.8mm)(海外中性),DS-2CD1T47G3H-LIU(4mm)(海外中性):12 VDC ± 25%, 0.64 A, max. 7.68 W,Ø5.5 mm coaxial power plug,reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 9.21 W DS-2CD1T47G3H-LIUF/SL(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF/SL(4mm)(海外标配),DS-2CD1T47G3H-LIUF/SL(2.8mm)(海外中性),DS-2CD1T47G3H-LIUF/SL(4mm)(海外中性),DS-2CD1T47G3H-LIUF/SRB(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF/SRB(4mm)(海外标配),DS-2CD1T47G3H-LIUF/SRB(2.8mm)(海外中性),DS-2CD1T47G3H-LIUF/SRB(4mm)(海外中性):12 VDC ± 25%, 0.84 A, max. 10.08 W,Ø5.5 mm coaxial power plug,reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 12 W
Material	DS-2CD1T47G3H-LIU(F)(/SL)(/SRB):Front cover: Metal, body: Plastic, bracket: Metal Front cover: Metal, body: Plastic, bracket: Metal
Dimension	DS-2CD1T47G3H-LIU(F)(/SL)(/SRB):-LIU/-LIUF: 83.7 mm × 81 mm × 201.9 mm (3.3" × 3.2" × 8.0"), -SL/-SRB: 81 mm × 83.7 mm × 211 mm (3.2" × 3.2" × 8.3") DS-2CD1T47G3H-LIUF/SL(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF/SL(4mm)(海外标配),DS-2CD1T47G3H-LIUF/SRB(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF/SRB(4mm)(海外标配):81 mm × 83.7 mm × 211 mm (3.2" × 3.3" × 8.3") DS-2CD1T47G3H-LIUF(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF(4mm)(海外标配),DS-2CD1T47G3H-LIU(2.8mm)(海外标配),DS-2CD1T47G3H-LIU(4mm)(海外标配):83.7 mm × 81 mm × 201.9 mm (3.3" × 3.2" × 8.0")
Package Dimension	260 mm × 125 mm × 125 mm (10.2" × 5.0" × 5.0")

Weight	DS-2CD1T47G3H-LIU(F)(/SL)(/SRB):-LIU/-LIUF: Approx. 410 g (0.9 lb.), -SL/-SRB: Approx. 480 g (1.1 lb.) DS-2CD1T47G3H-LIUF(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF(4mm)(海外标配),DS-2CD1T47G3H-LIU(2.8mm)(海外标配),DS-2CD1T47G3H-LIU(4mm)(海外标配):Approx. 410 g (0.9 lb.) DS-2CD1T47G3H-LIUF/SL(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF/SL(4mm)(海外标配),DS-2CD1T47G3H-LIUF/SRB(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF/SRB(4mm)(海外标配):Approx. 480 g (1.1 lb.)
With Package Weight	DS-2CD1T47G3H-LIU(F)(/SL)(/SRB):-LIU/-LIUF: Approx. 580 g (1.3 lb.), -SL/-SRB: Approx. 650 g (1.4 lb.) DS-2CD1T47G3H-LIUF(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF(4mm)(海外标配),DS-2CD1T47G3H-LIU(2.8mm)(海外标配),DS-2CD1T47G3H-LIU(4mm)(海外标配):Approx. 580 g (1.3 lb.) DS-2CD1T47G3H-LIUF/SL(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF/SL(4mm)(海外标配),DS-2CD1T47G3H-LIUF/SRB(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF/SRB(4mm)(海外标配):Approx. 650 g (1.4 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, Russian, Ukrainian, Arabic, Spanish, French, Portuguese, Turkish, Polish, German
General Function	Heartbeat,mirror,flash log,password reset via email,password protection,anti-banding
Flashing Light	DS-2CD1T47G3H-LIU(F)(/SL)(/SRB):-SL: White Light -SRB: Red and Blue Light -LIU(F) : NA DS-2CD1T47G3H-LIUF(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF(4mm)(海外标配),DS-2CD1T47G3H-LIUF(2.8mm)(海外中性),DS-2CD1T47G3H-LIUF(4mm)(海外中性),DS-2CD1T47G3H-LIU(2.8mm)(海外标配),DS-2CD1T47G3H-LIU(4mm)(海外标配),DS-2CD1T47G3H-LIU(2.8mm)(海外中性),DS-2CD1T47G3H-LIU(4mm)(海外中性):NA DS-2CD1T47G3H-LIUF/SL(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF/SL(4mm)(海外标配),DS-2CD1T47G3H-LIUF/SL(2.8mm)(海外中性),DS-2CD1T47G3H-LIUF/SL(4mm)(海外中性):White Light DS-2CD1T47G3H-LIUF/SRB(2.8mm)(海外标配),DS-2CD1T47G3H-LIUF/SRB(4mm)(海外标配),DS-2CD1T47G3H-LIUF/SRB(2.8mm)(海外中性),DS-2CD1T47G3H-LIUF/SRB(4mm)(海外中性):Red and Blue Light

Approval	
EMC	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021
Safety	CB: IEC 62368-1:2014+A11, CE-LVD: EN 62368-1:2014/A11:2017
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU
Protection	IP67:IEC 60529-2013

▪ Dimension



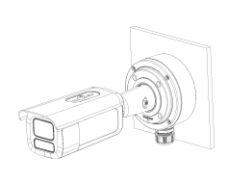
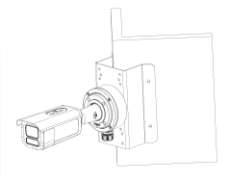
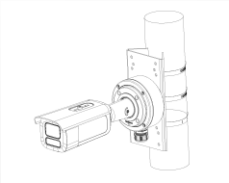
Unit: mm (inch)

▪ Accessory

▪ Optional

DS-1280ZJ-XS	DS-1276ZJ-SUS	DS-1275ZJ-SUS

▪ Installation Methods

Junction Box DS-1280ZJ-XS	Corner Mounting DS-1276ZJ-SUS+DS-1280ZJ-XS	Vertical Pole Mounting DS-1275ZJ-SUS+DS-1280ZJ-XS
		

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