

HIKVISI

DS-2CD1T47G2H-LIU(F) 4 MP ColorVu with Smart Hybrid Light Fixed Bullet Network Camera





- High quality imaging with 4 MP resolution
- Support Human and Vehicle Detection
- Smart Hybrid Light: advanced technology with long range
- Efficient H.265+ compression technology
- Support on-board storage up to 512 GB (SD card slot) (Optional)
- Built-in microphone for real-time audio security
- Water and dust resistant (IP67)



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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 light		
Shutter Time	1/3 s to 1/100,000 s		
Day & Night	IR cut filter		
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 180°, rotate: 0° to 355°		
Lens			
Lens Type	Fixed focal lens, 2.8 and 4 mm optional		
Focal Length & FOV	2.8 mm, horizontal FOV 115°, vertical FOV 60°, diagonal FOV 143°		
	4 mm, horizontal FOV 94°, vertical FOV 50°, diagonal FOV 110°		
Lens Mount	M12		
Iris Type	Fixed		
Aperture	F1.0		
DORI			
	2.8 mm, D: 64 m, O: 25 m, R: 12 m, I: 6 m		
DORI	4 mm, D: 77 m, O: 30 m, R: 15 m, I: 7 m		
Illuminator			
Supplement Light Type	IR, White Light		
Supplement Light Range	Up to 50 m		
Smart Supplement Light	Yes		
IR Wavelength	850 nm		
Video			
	50 Hz:		
	20 fps (2560 × 1440)		
	25 fps (1920 × 1080, 1280 × 720)		
Main Stream	60 Hz:		
	20 fps (2560 × 1440)		
	24 fps (1920 × 1080, 1280 × 720)		
	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)		
Sub-Stream	60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)		
	Main stream: H.265+/H.265/H.264+/H.264,		
Video Compression	Sub-stream: H.265/H.264/MJPEG		
Video Bit Rate	32 Kbps to 8 Mbps		
Н.264 Туре	Baseline Profile, Main Profile, High Profile		
Н.265 Туре	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/AAC-LC		
	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64		
Audio Bit Rate	Kbps (AAC-LC)		



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Environment Noise Filtering	Yes		
Network			
	IPv4, IPv6, TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, UDP, QoS,		
Protocols	FTP, SMTP, UPnP		
Simultaneous Live View	Up to 6 channels		
	Open Network Video Interface (Profile S, Profile T, Profile G (only -F model supports)),		
API	ISAPI, SDK		
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: IE 10, IE 11,		
	Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+		
Image			
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,		
indge settings	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	-F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB		
Built-in Microphone	Yes, 1 built-in microphone		
Reset Key	-F: Yes		
Event			
Decia Frient	Motion detection (support alarm triggering by specified target types (human and		
Basic Event	vehicle)), video tampering alarm, exception		
	Upload to memory card (-F model supports), trigger recording(-F model supports),		
Linkage	upload to FTP, notify surveillance center, send email, trigger capture, notify		
	surveillance center, send email, trigger capture		
General			
Power	12 VDC ± 25%, 0.57 A, max. 6.8 W, Ø5.5 mm coaxial power plug, reverse polarity		
	protection,		
	PoE: IEEE 802.3af, Class 3, max. 8.3 W		
Material	Front cover: metal, body: plastic, bracket: plastic		
Dimension	81 mm × 83.7 mm × 201.96 mm (3.17" × 3.29" × 7.95")		
Package Dimension	150 mm × 150 mm × 141 mm (5.91" × 5.91" × 5.55")		
Weight	Approx. 550 g (1.2 lb.)		
With Package Weight	Approx. 800 g (1.8 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	Heartbeat, anti-banding, mirror, password protection, password reset via email	
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,	
	RCM: AS/NZS CISPR 32: 2015,	
	IC: ICES-003: Issue 7	
Safety	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	

Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

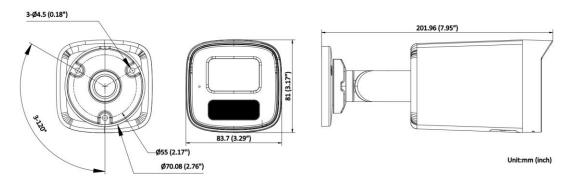
Level	Description	
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.	
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.	
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.	

Available Model

DS-2CD1T47G2H-LIU(2.8mm) DS-2CD1T47G2H-LIU(4mm) DS-2CD1T47G2H-LIUF(2.8mm) DS-2CD1T47G2H-LIUF(4mm)



Dimension



Accessory

Optional

DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-XS
Vertical pole mount	Corner mount	Junction box
* 6 h		

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