

DS-2CD3T47G3-LISU(Y) 4 MP Dual Illumination Fixed Bullet Network Camera

















Hikvision has been dedicated to develop products with security since established. Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection. In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security protection capability and protect your devices as well as your data from malicious cyber attacks.

Hikvision Darkfighter 2.0 technology provides 24/7 vivid colorful images with F1.0 advanced lenses, high performance sensors and friendly lighting. F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology can vastly improve the utilization of available light.

- HIK AI-ISP for excellent noise reduction effect
- 24/7 colorful imaging via Darkfighter 2.0 technology
- Scene-adaptive WDR
- Focus on Person and Vehicle classification based on deep learning
- -Y: Anti-corrosion design, providing reliability and longevity compared to standard (NEMA4X)
- Smart Hybrid Light: Integrates IR and White lights, 3 supplemental lighting modes
- Water and dust resistant (IP67)



Specification

Image Sensor	Camera					
Min. Illumination Color: 0.0001 Lox @ (F1.0, AGC ON), 0 Lox with light Shutter Time 1 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° Lens Focal Length Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 111.1°, vertical FOV 57.6°, diagonal FOV 113.5° 4 mm, horizontal FOV 95.2°, vertical FOV 48.3°, diagonal FOV 117.4° Lens Mount M16 Iris Type Fixed Aperture F1.0 Depth of Field 2.8 mm: 2.5 m to ∞ 4 mm: 3.1 m to ∞ 4 mm: 3.1 m to ∞ DORI 2.8 mm: D: 75 m, O: 30 m, R: 15 m, 1: 7 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 60 m Smart Supplement Light Range 850 m Memory: 60 MB, Smart RAM: 450 MB, eMove: 2 GB Computing Power 1.5 TOPS Open Capability HCOP 2.0 Opendev5DK Deep Learning Structure Caffe, PyTorch, Ten	Image Sensor	1/1.8" Progressive Scan CMOS				
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Day & Night IR cut filter Angle Adjustment Pan: 0* to 360*, tilt: 0* to 90*, rotate: 0* to 360* Lens ************************************	Min. Illumination	Color: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with light				
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	Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)				
*The third stream is supported under certain settings.		60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)				
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50 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360)		50 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360)				
Fourth Stream 60 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360)	Fourth Stream	60 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360)				
*Fourth stream is supported under certain settings.		*Fourth stream is supported under certain settings.				



	Main stream: H.265/H.264/H.264+/H.265+,				
Video Compression	Sub-stream: H.265/H.264/MJPEG,				
video compression	Third stream: H.265/H.264,				
	Fourth 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				
Bit Rate Control	CBR, VBR				
Scalable Video Coding (SVC)	H.264 and H.265 encoding				
Region of Interest (ROI)	5 fixed regions for main stream and sub-stream				
e-PTZ	Support Patrol and Auto Tracking settings				
Audio					
Audio Type	Mono sound				
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC				
	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps				
Audio Bit Rate	(MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)				
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz				
Environment Noise Filtering	Yes				
Network					
	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP,				
Protocols	SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP,				
	WebSocket, WebSockets, SRTP, SFTP				
Simultaneous Live View	Up to 6 channels				
API	ONVIF (ProfileS, ProfileG, ProfileT), ISAPI, SDK, ISUP				
	Up to 32 users				
User/Host	3 user levels: administrator, operator, and user				
	Password protection, complicated password, HTTPS encryption, 802.1X authentication				
	(EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest				
Security	authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network				
	Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS				
	1.1/1.2/1.3, host authentication (MAC address)				
Network Storage	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR)				
Client	iVMS-4200, Hik-Connect, Hik-Central				
	Plug-in free live view: Chrome 91+, Firefox 88+, Edge 91+, Safari 13+				
Web Browser	Local service: Chrome 91+, Firefox 88+, Edge 91+				
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	Day, Night, Auto, Schedule				
Image Enhancement	BLC, HLC, 3D DNR, Distortion Correction, Defog				
SNR	≥ 52 dB				
Wide Dynamic Range (WDR)	130 dB				
Image Stabilization	EIS				
Privacy Mask	8 programmable polygon privacy masks				
	1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				



Interface				
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port			
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB			
Audio	Built-in Microphone: Arrayed dual-microphone, 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 K Ω , interface type: non-equilibrium, 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω , interface type: non-equilibrium			
Alarm	2 inputs, 2 outputs (max. 24 VDC/24 VAC, 1 A)			
Reset Key	Yes			
Power Output	12 VDC, max. 100 mA			
Event				
Basic Event	Motion detection (supportalarm triggering by specified target types (human and vehicle)), video tampering alarm, exception			
Smart Event	Scene change detection, audio exception detection, defocus detection			
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, trigger recording, trigger capture, send email, audible warning			
Deep Learning Function				
Face Capture	Yes			
People Counting	Yes			
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)			
General				
Power	12 VDC ± 25%, 0.83 A, max. 10 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 12.5 W			
Material	Front cover: Metal, body: Metal, bracket: Metal			
Dimension	323.2 mm × 91.2 mm × 88.7 mm (12.72" × 3.59" × 3.49")			
Package Dimension	386 mm × 156 mm × 155 mm (15.2" × 6.1" × 6.1")			
Weight	Approx. 1235 g (2.7 lb.)			
With Package Weight	Approx. 1780 g (3.9 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)			
General Function	Heartbeat, mirror, flash log, password reset via email, pixel counter, anti-banding			
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			
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,			
	KC: KN32: 2015, KN35: 2015			



Safety	CB: IEC 62368-1:2014+A11, CE-LVD: EN 62368-1:2014/A11:2017			
Environment	CE-RoHS: 2011/65/EU			
Protection	IP67: IEC 60529-2013, IK10: IEC 62262:2002			
Anti-Corrosion Protection	-Y: NEMA 4X (NEMA 250-2018)			

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 MODERATE 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

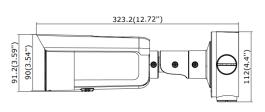
DS-2CD3T47G3-LISU(2.8mm)
DS-2CD3T47G3-LISU(4mm)

DS-2CD3T47G3-LISUY(2.8mm)

DS-2CD3T47G3-LISUY(4mm)

Dimension







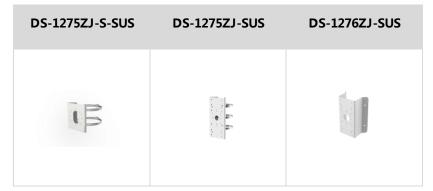
Unit: mm(inch)



- Accessory
- Included



Optional



Installation Methods

Junction Box DS-1260ZJ	Vertical Pole Mounting DS-1275ZJ-S-SUS	Vertical Pole Mounting DS-1275ZJ-SUS	Corner Mounting DS-1276ZJ-SUS

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