

DS-2CD3327G3E-LIU
2 MP Fixed Mini Turret Network Camera



- High quality imaging with 2 MP resolution
- Support Human and Vehicle Detection
- Smart Hybrid Light: advanced technology with long range
- Efficient H.265+ compression technology
- Built-in microphone for real-time audio security
- Water and dust resistant (IP67)

▪ Specification

Model		DS-2CD3327G3E-LIU
Camera	Image Sensor	1/2.8" Progressive Scan CMOS
	Max. Resolution	1920 × 1080
	Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light
	Shutter Time	1 s to 1/10000 s
	Day & Night	IR cut filter
	Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	Lens Type	Fixed focal lens, 2.8 and 4 mm optional
	Focal Length & FOV	2.8 mm, horizontal FOV 106°, vertical FOV 56°, diagonal FOV 129° 4 mm, horizontal FOV 88°, vertical FOV 47°, diagonal FOV 103°
	Lens Mount	M12
	Iris Type	Fixed
	Aperture	F1.0
DORI	DORI	2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 mm, D: 53 m, O: 21 m, R: 10 m, I: 5 m
Illuminator	Supplement Light Type	IR, White Light
	Supplement Light Range	Up to 30 m
	Smart Supplement Light	Yes
	IR Wavelength	850 nm
Video	Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)
	Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
	Third Stream	50 Hz: 1 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 1 fps (1280 × 720, 640 × 480, 640 × 360)
	Video Compression	Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264
	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)	1 fixed region for main stream and sub-stream
Audio	Audio Type	Mono sound

	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/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	IPv4, IPv6, TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP, UPnP
	Simultaneous Live View	Up to 6 channels
	API	ONVIF (Profile S, Profile T, Profile G), ISAPI, SDK
	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)
	User/Host	Up to 32 users 3 user levels: administrator, operator, and user
	Client	iVMS-4200, Hik-Connect
	Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Safari 11 Local service: Chrome 57.0+, Firefox 52.0+, 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 rectangle privacy masks
Interface	Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
	On-Board Storage	NA
	Built-in Microphone	Yes
	Built-in Speaker	NA
	Reset Key	NA
Event	Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
	Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection (support alarm triggered by specified target types (human and vehicle))
	Linkage	Upload to memory card, trigger recording, upload to FTP, notify surveillance center, send email, trigger capture, audible warning, flashing light

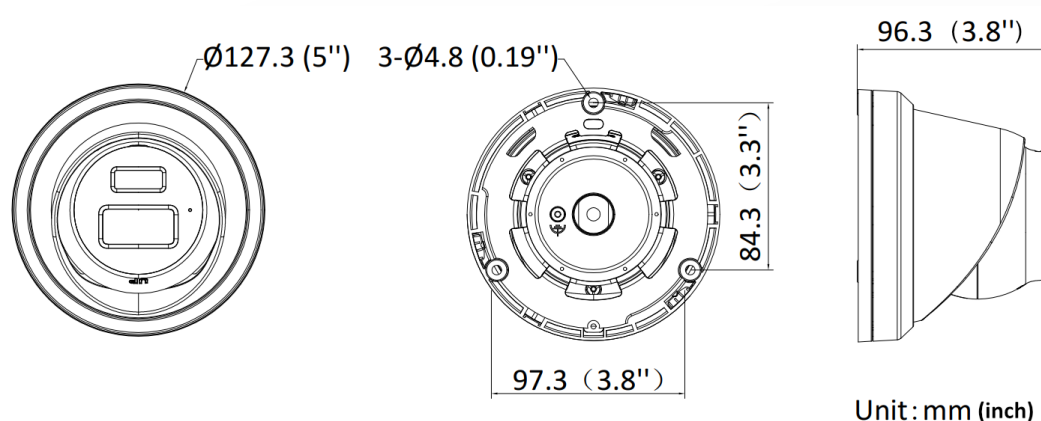
Deep Learning Function	Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)
General	Power	12 VDC $\pm$ 25%, 0.5 A, max. 6 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 7.3 W
	Material	Metal
	Dimension	$\varnothing$ 127.3 mm $\times$ 96.3 mm ($\varnothing$ 5" $\times$ 3.8")
	Package Dimension	150 mm $\times$ 150 mm $\times$ 141 mm (5.91" $\times$ 5.91" $\times$ 5.55")
	Weight	Approx. 545 g (0.8 lb.)
	With Package Weight	Approx. 735 g (1.3 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	10 languages : English, Russian, Ukrainian, Arabic, Spanish, French, Portuguese, Turkish, Polish, German
	General Function	Heartbeat, anti-banding, mirror, password reset via email, password protection
	Flashing Light	NA
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
	Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
	Protection	IP67: IEC 60529-2013

▪ Available Model

DS-2CD3327G3E-LIU(2.8mm)

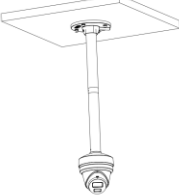
DS-2CD3327G3E-LIU(4mm)

▪ Dimension



▪ **Accessory**

▪ **Optional**

DS-1276ZJ-SUS Corner mount	DS-1275ZJ-SUS Vertical pole mount	DS-220AZJ-145-WA Wall mount	DS-1273ZJ-130B-T RL Wall mount	DS-1271ZJ-130-TRL Pendant Mount
				
				
DS-1275ZJ-S-SUS Vertical pole mount	DS-1273ZJ-130-TRL Wall mount	DS-1281ZJ-M Inclined ceiling mount	DS-1280ZJ-DM8 Junction box	DS-220AZJ-130-WA Wall mount
				
				

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