

DS-2CD3327G2E-LUF 2 MP ColorVu Fixed Turret Network Camera



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

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.

- High quality imaging with 2 MP resolution
- Excellent low-light performance
- Efficient H.265+ compression technology
- Water and dust resistant (IP67)
- 24/7 colorful imaging
- Support Human and Vehicle Detection

▪ Specification

Model		DS-2CD3327G2E-LUF
Camera	Image Sensor	1/2.8" Progressive Scan CMOS
	Max. Resolution	1920 × 1080
	Shutter Time	1/3 s to 1/100,000 s
	Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light
	Day & Night	24/7 color imaging
	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 57°, diagonal FOV 127° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99°
	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: 56 m, O: 22 m, R: 11 m, I: 5 m
Illuminator	Supplement Light Type	White Light
	Supplement Light Range	Up to 30 m
	Smart Supplement Light	Yes
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 (640 × 360) 60 Hz: 1 fps (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
Audio	Region of Interest (ROI)	1 fixed region for main stream and sub-stream
	Audio Type	Mono sound
	Environment Noise Filtering	Yes

Network	Audio Sampling Rate	8 kHz/16 kHz
	Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC
	Audio Bit Rate	64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)
Network	Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-MD5), watermark, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, security audit log, TLS 1.2, TLS 1.3, host authentication (MAC address)
	Simultaneous Live View	Up to 6 channels
	API	Open Network Video Interface (ProfileS, ProfileT, ProfileG), ISAPI, SDK
	Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv4, IPv6, UDP, QoS, FTP, SMTP, HTTPS, DDNS, UPnP, 802.1X
	User/Host	Up to 32 users 3 user levels: administrator, operator, and user
	Client	iVMS-4200, Hik-Connect
	Web Browser	Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
Image	Wide Dynamic Range (WDR)	120 dB
	SNR	≥ 52 dB
	Day/Night Switch	Day, Night, Auto, Schedule
	Image Enhancement	BLC, HLC, 3D DNR
	Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
	Privacy Mask	4 programmable polygon privacy masks
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 256 GB
	Built-in Microphone	Yes
	Reset Key	Yes
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
	Linkage	Upload to FTP/memory card, send email, notify surveillance center, trigger recording, trigger capture
General	Power	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, PoE: IEEE 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W
	Material	

		Cover: plastic, main body: metal
	Dimension	Ø109.9 mm × 103.6 mm (Ø4.33" × 4.08")
	Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")
	Weight	Approx. 370 g (0.82 lb.)
	With Package Weight	Approx. 600 g (1.32 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)
Approval	Language	English, Ukrainian
	General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email, pixel counter
	EMC	FCC: 47 CFR Part 15, Subpart B
	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
	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.

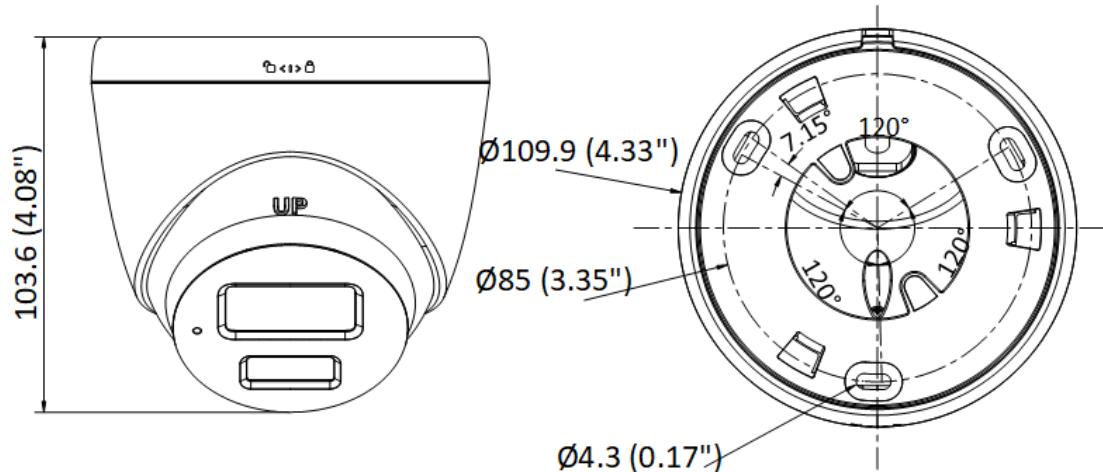
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped 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-2CD3327G2E-LUF(2.8mm)

DS-2CD3327G2E-LUF(4mm)
DS-2CD3327G2E-LUF(2.8mm)(India-L)

▪ Dimension



Unit: mm (inch)

▪ Accessory

▪ Optional

DS-1280ZJ-TR13 Junction box	DS-1276ZJ-SUS Corner mount	DS-1275ZJ-S-SUS Vertical pole mount	DS-1275ZJ-SUS Vertical pole mount	DS-1272ZJ-110-TRS Wall mount
DS-220AZJ-145-WA Wall mount	DS-220AZJ-130-WA Wall mount	DS-1281ZJ-S Inclined ceiling mount	DS-1271ZJ-110-TRS DS-1271ZJ-110-TRS	DS-1280ZJ-S Junction box



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