

Camera DS-2CD1327G2-LUF

DS-2CD1327G2-LUF 2.8mm 2mp LED 30m IP ColorVu Lite Human and Vehicle Detection Turret CAMERA HIKVISION

- High quality imaging with 2 MP resolution
- 24/7 colorful imaging
- Support Human and Vehicle Detection
- Water and dust resistant (IP67)
- Efficient H.265+ compression technology
- -F model supports on-board storage up to 512 GB (SD card slot) (Optional)
- -U model supports built-in microphone for real-time audio security (Optional)

Type	IP
Megapixel	2 MP
Objective	Motionless
Focus	2.8 mm
Lighting	LED
Lighting distance	30 m
Microphone	Mic
Protection	IP67
Material	Metal



Detailed

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080
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	24/7 color imaging
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°

Lens	
Lens Type	Fixed focallens, 2.8 and 4 mm optional
Focal Length& FOV	2.8 mm, horizontal FOV: 106°, vertical FOV: 57°, diagonal F OV: 126° 4 mm, horizontal FOV: 83°, vertical FOV: 44°,diagonal FOV: 99°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.0
Depth of Field	2.8 mm: 1.5 m to ∞ 4 mm: 2.1 m to ∞
DORI	
DORI	2.8 mm,D: 44 m, O: 17 m, R: 8 m, l: 4 m 4 mm, D: 56 m, O: 22 m, R: 11 m, l: 5 m
Illuminator	
Supplement LightType	White Light
Supplement LightRange	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)
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 8 Mbps
H.264 Type	Baseline Profile, Main Profile, HighProfile
H.265 Type	Main Profile

Bit Rate Control	CBR, VBR
Region of Interest (ROI)	1 fixed region(s) for main stream
Audio	
Audio Type	-U: Mono sound
Environment NoiseFiltering	-U: Yes
Audio Sampling Rate	-U: 8 kHz/16 kHz
Audio Compression	-U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC
Audio Bit Rate	-U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)
Network	
Protocols	TCP/IP, ICMP,DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP, SSL/TLS
Simultaneous Live View	Up to 6 channels
API	Open Network VideoInterface (Profile S, Profile T, Profile G (only -F model supports)), 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 OpenNetwork Video Interface, security audit log, hostauthentication (MAC address)
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox52.0+

Image	
Wide Dynamic Range (WDR)	Digital WDR
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 privacymasks
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory cardslot, support microSD/microSDHC/microSDXC card,up to 256 GB
Built-in Microphone	-U: Yes
Reset Key	-F: Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified targettypes (human and vehicle)), videotampering alarm, exception
Linkage	Upload to FTP/memory card(-F), notify surveillance center, send email,trigger recording (-F),trigger capture
General	
Power	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max.6.5 W
Material	Metal & Plastic
Dimension	Ø109.9 mm × 103.6 mm (Ø4.3" × 4.1")

Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")
Weight	-L: Approx. 370 g(0.8 lb.) -LUF: Approx. 380g (0.8 lb.)
With Package Weight	-L: Approx. 600 g(1.3 lb.) -LUF: Approx. 620g (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, Ukrainian
General Function	Heartbeat, anti-banding, mirror, password protection, password reset viaemail
Approval	
EMC	FCC: 47 CFR Part 15, SubpartB CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013 +A1: 2019, EN 50130-4: 2011+ A1: 2014 RCM: AS/NZSCISPR 32: 2015 KC: KN32: 2015, KN35:2015
Safety	UL: UL 62368-1 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