

DS-2CD3348G2-LIS(U) 4 MP Dual Illumination Fixed Turret Network Camera





- High quality imaging with 4 MP resolution
- Smart Dual-Light: advanced technology with long range
- Clear imaging against strong back light due to 120 dB WDR technology
- Efficient H.265+ compression technology
- Focus on human and vehicle classification based on deep learning
- -U: Built-in microphone for real-time audio security
- Water and dust resistant (IP67)



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Specification

Image Sensor1/3* Progressive Scan CMOSMax. Resolution268* 1520Max. ResolutionColor: 0.001 Lux & (FL0, AGC ON), 0 Lux with lightShutter Time1/3 s to 1/100,000 sDay & NightRo. Lot IllicrAngle AdjustmentPan: 0* to 360° tilt: 0* to 75', rotate: 0* to 360°BreadFace Int or 55', rotate: 0* to 360°Focal Length & FOV2 mm, horizontal FOV 100.2", vertical FOV 54.7", diagonal FOV 119.7"Hans MountM12Lens MountM12Lens MountM12ApertureFixed focal lens, 2.8 and 4 mm optionalApertureSamm: 19 m to ∞ApertureSamm: 19 m to ∞ApertureSamm: 19 m to ∞ApertureSamm: 19 m to ∞Amm: 2.5 m to ≈Amm: 2.5 m to ≈DRISamm: 19 m to ∞Amm: 2.5 m, 0: 31 m, R: 12 m, 1: 6 mSupplement Light RangeUp to 40 MMaccenstreMindic 2 GBOpen ResourcesSam RAM: 400 MB, ematrueSupplement Light RangeUp to 40 MB, ematrueOpen CapabilityHEOP 2.0 OpendevSDKComputing Power1.5 TOPSOpen CapabilityHEOP 2.0 OpendevSDKOpen CapabilityHEOP 2.0 Specifical St 250, 1220 × 1080, 1220 × 720, 640 × 480, 640 × 360) cit 10* 50 (1280 × 720, 640 × 480, 640 × 360)ApertureShit: 25 fps (1288 x 1520, 1920 × 1080, 1280 ×	Camera	
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Open ResourcesSmart RAM: 400 MB, eMMC: 2 GBComputing Power1.5 TOPSOpen CapabilityHEOP 2.0 OpendevSDKDeep Learning StructureCaffe, PyTorch, TensorFlow, PaddlePaddle, ONNXProgramming LanguageC, C++Main Stream50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)Third Stream50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *The third stream is supported under certain settings.Fourth Stream50 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360) *The third stream is supported under certain settings.	HEOP	
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Fourth Stream 60 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360)		*The third stream is supported under certain settings.
		50 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360)
*The fourth stream is supported under certain settings.	Fourth Stream	60 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360)
		*The fourth stream is supported under certain settings.



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	Main stream: H.265/H.264/H.264+/H.265+,
	Sub-stream: H.265/H.264/MJPEG,
Video Compression	Third stream: H.265/H.264,
	Fourth stream: H.265/H.264/MJPEG,
	*The third stream and the fourth stream are supported under certain settings.
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)	5 fixed regions for main stream and sub-stream
Target Cropping	Yes
Audio	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps
	(MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz, 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Environment Noise Filtering	Yes
Network	
	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP,
Protocols	IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SFTP, ARP, SNMP,
	WebSocket, WebSockets, SRTP
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP
User/Host	Up to 32 users
	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
Security	Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS
	1.1/1.2/1.3, host authentication (MAC address)
	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR),
Network Storage	Together with high-end Hikvision memory card, memory card encryption and health
	detection are supported.
Client	iVMS-4200, Hik-Connect, Hik-Central
	Plug-in required live view: IE 10, IE 11,
Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+,
	Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Image Parameters Switch	Yes
Imaga Catting	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,
Image Settings	adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
SNR	≥ 52 dB
Wide Dynamic Range (WDR)	120 dB



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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 512 GB
Built-in Microphone	-U: Yes
Built-III Wilci Opriorie	
	1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input
Audio	impedance: 4.7 KΩ, interface type: non-equilibrium, 1 output (line out), two core terminal black may output amplitude: 2.2 (lan, output
	1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω , interface type: non-equilibrium
Alarm	1 input, 1 output (max. 12 VDC, 30 mA)
Reset Key	Yes
Power Output	12 VDC, max. 100 mA
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and
	vehicle)), video tampering alarm, exception
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger
	recording, trigger capture, trigger alarm output, audible warning
	Line crossing detection, intrusion detection, region entrance detection, region exiting
Smart Event	detection (support alarm triggered by specified target types (human and vehicle)),
	scene change detection, audio exception detection, defocus detection
Deep Learning Function	
Face Capture	Yes
People Counting	Yes
General	
	12 VDC ± 25%, 0.66 A, max. 8 W, Ø5.5 mm coaxial power plug, reverse polarity
Power	protection,
	PoE: IEEE 802.3af, Class 3, max. 10 W
Material	Cover: Metal, main body: Metal
Dimension	Ø127.3 mm × 96.3 mm (Ø5" × 3.8")
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")
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)
General Function	Heartbeat, mirror, anti-banding, flash log, password reset via email, pixel counter
	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian,
	Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish,
Language	Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese,
	Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
Approval	
	FCC: 47 CFR Part 15, Subpart B,
EMC	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/NZS CISPR 32: 2015,
	IC: ICES-003: Issue 7



	UL: UL 62368-1,
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,
	LOA: IEC/EN 60950-1
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.

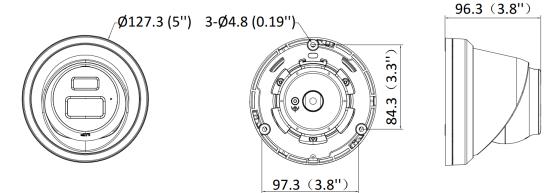
This model has NO SPECIFIC PROTECTION.

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-2CD3348G2-LISU (2.8/4 mm) DS-2CD3348G2-LIS (2.8/4 mm)

Dimension



Unit:mm(inch)



Accessory

Optional



Headquarters

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Hikvision Corporate Channel



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