

HIKVIS

DS-2CD3363G2-IU 2 MP AcuSense Fixed Turret Network Camera





Empowered by deep learning algorithms, Hikvision AcuSense technology brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

- High quality imaging with 6 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Focus on human and vehicle classification based on deep learning
- Built-in microphone for real-time audio security
- Water and dust resistant (IP67)





Specification

Camera					
Image Sensor	1/2.8" Progressive Scan CMOS				
Max. Resolution	3200 × 1800				
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR				
Shutter Speed	1/3 s to 1/100,000 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, 4, and 6 mm optional				
	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 128°				
Focal Length & FOV	4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 105°				
	6 mm, horizontal FOV 54°, vertical FOV 29°, diagonal FOV 63°				
Iris Type	Fixed				
Aperture	F1.6				
Lens Mount	M12				
DORI					
	2.8 mm: D: 73 m, O: 29 m, R: 15 m, I: 7 m				
DORI	4 mm: D: 90 m, O: 35 m, R: 18 m, l: 9 m				
	6 mm: D: 120 m, O: 47 m, R: 24 m, I: 12m				
Illuminator					
Supplement Light Type	IR				
Supplement Light Range	Up to 40 m				
Smart Supplement Light	Yes				
IR Wavelength	850 nm				
Video					
	50 Hz: 20 fps (3200 × 1800)				
	25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)				
Main Stream	60 Hz: 20 fps (3200 × 1800)				
	30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)				
Cub Streen	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)				
Sub Stream	60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)				
	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)				
Third Stream	60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)				
	*Third 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				
	*Third stream is supported under certain settings.				
Video Bit Rate	32 Kbps to 16 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					



Audio Audio Compression G.7111alw/G.711alaw/G.712.1/G.726/MP2L2/PCM/MP3/AAC-LC Audio Bit Rate G4 Kbps (G.7111alw/G.712.1/G Kbps (G.722.1/J 16 Kbps (G.726.1/16 Kbps to 64 kbps (AAC-LC)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3) Audio Sampling Rate 8 Hz/16 KHz/32 KHz/41.1 KHz/48 kHz Environment Noise Filtering Yes Network TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets Simultaneous Live View Up to 6 channels API Open Network Video Interface (Profile S, Profile G), ISAP, SDK, ISUP User/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, IP address filter, Security Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface Network Storage Nos (NS, SMB/CTS), auto network replenishment (ANR) Together with high-end Hikvison memory card, memory card encryption and health detection are supported. Image Parameters Switch Yes Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 5	Region of Interest (ROI)	5 fixed region for main stream and sub-stream		
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Image Settingsbalance adjustable by client software or web browserDay/Night SwitchDay, Night, Auto, ScheduleImage EnhancementBLC, HLC, 3D DNR, target croppingWide Dynamic Range (WDR)120 dBSNR≥ 52 dBInterfaceEthernet Interface1 RJ45 10 M/100 M self-adaptive Ethernet portBuilt-in MicrophoneYesOn-Board StorageBuilt-in memory card slot, support microSD/SDHC/SDXC card, up to 512 GBReset KeyYesEventMotion detection (human and vehicle targets classification), video tampering alarm, exceptionUpload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger	Image Parameters Switch	Yes		
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SNR ≥ 52 dB Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Built-in Microphone Yes On-Board Storage Built-in memory card slot, support microSD/SDHC/SDXC card, up to 512 GB Reset Key Yes Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Upload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger	Image Enhancement	BLC, HLC, 3D DNR, target cropping		
InterfaceEthernet Interface1 RJ45 10 M/100 M self-adaptive Ethernet portBuilt-in MicrophoneYesOn-Board StorageBuilt-in memory card slot, support microSD/SDHC/SDXC card, up to 512 GBReset KeyYesEventBasic EventMotion detection (human and vehicle targets classification), video tampering alarm, exceptionUpload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger	Wide Dynamic Range (WDR)	120 dB		
Ethernet Interface1 RJ45 10 M/100 M self-adaptive Ethernet portBuilt-in MicrophoneYesOn-Board StorageBuilt-in memory card slot, support microSD/SDHC/SDXC card, up to 512 GBReset KeyYesEventMotion detection (human and vehicle targets classification), video tampering alarm, exceptionUpload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger	SNR	≥ 52 dB		
Built-in Microphone Yes On-Board Storage Built-in memory card slot, support microSD/SDHC/SDXC card, up to 512 GB Reset Key Yes Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Upload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger	Interface			
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Reset Key Yes Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Upload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger	Built-in Microphone	Yes		
Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Upload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger	On-Board Storage	Built-in memory card slot, support microSD/SDHC/SDXC card, up to 512 GB		
Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Upload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger	Reset Key	Yes		
Basic Event exception Upload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger	Event			
exception Upload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger	Daria Event	Motion detection (human and vehicle targets classification), video tampering alarm,		
Upload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger	DASIL EVEIIL	exception		
	Linkago	Upload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger		
capture, send email	Linkage	capture, send email		



Deep Learning Function					
	Line crossing detection, intrusion detection, region entrance detection, region exiting				
Perimeter Protection	detection, unattended baggage detection, object removal detection				
	Supports human and vehicle targets classification				
General					
	12 VDC \pm 25%, reverse polarity protection, 0.5 A, max. 6 W, Ø5.5 mm coaxial power				
Power	plug				
	PoE: 802.3af, 36 V to 57 V, Class 3, 0.20 A to 0.13 A, max. 7.5 W				
Camera Material	Aluminum alloy body				
Camera Dimension	Ø127.3 mm × 95.9 mm (Ø5.0" × 3.8")				
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")				
Camera Weight	Approx. 600 g (1.3 lb.)				
With Package Weight	Approx. 909 g (2.0 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)				
Web Client 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 				
General Function	Anti-flicker, heartbeat, password reset via email, pixel counter				
Firmware Version	V5.5.115				
Approval					
EMC	FCC (47 CFR Part 15, Subpart B) CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014) RCM (AS/NZS CISPR 32: 2015) IC (ICES-003: Issue 6, 2016) KC (KN 32: 2015, KN 35: 2015)				
Safety	UL (UL 60950-1) CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013) CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013) BIS (IS 13252(Part 1):2010+A1:2013+A2:2015) LOA (IEC/EN 60950-1)				
Environment	CE-RoHS (2011/65/EU) WEEE (2012/19/EU) Reach (Regulation (EC) No 1907/2006)				
Protection	IP67 (IEC 60529-2013)				

Available Model

DS-2CD3363G2-IU (2.8/4/6 mm)

Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following

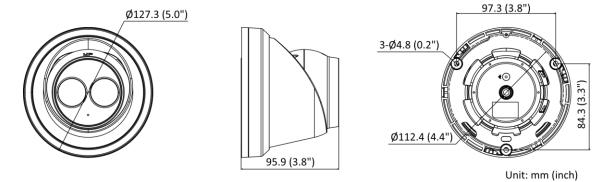


description to choose for your using environment.

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.

Dimension



Accessory

Optional

DS-1276ZJ-SUS Corner Mount	DS-1281ZJ-M Inclined Ceiling Mount	DS-1280ZJ-DM8 Junction Box	DS-1273ZJ-130-TRL Wall Mount	DS-1275ZJ-SUS Vertical Pole Mount
DS-1273ZJ-130B-	DS-1271ZJ-130-T			
TRL	RL			
Wall Mount	Pendant Mount			







Distributed by

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