

DS-2CD1363G2-LIU(F) 6 MP Smart Hybrid Light Fixed Turret Network Camera













- High quality imaging with 6 MP resolution
- Support Human and Vehicle Detection
- Smart Hybrid Light: advanced technology with long range
- Water and dust resistant (IP67)
- Efficient H.265+ compression technology
- Support on-board storage up to 256 GB (SD card slot) (Optional)



Specification

Image Sensor 1/2.4" Progressive Scan CMOS Max. Resolution 3200 x 1800 Shutter Time 1/3 s to 1/100,000 s Min. Illumination Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR Day & Night IR cut filter Angle Adjustment Pasco" to 360", tilt: 0" to 75", rotate: 0" to 360" Ens Fleet Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 105", vertical FOV 55", diagonal FOV 127" 4 mm, horizontal FOV 78", vertical FOV 38", diagonal FOV 96" Lens Mount M12 Lens Mount M12 Lens Mount M12 May For Yam, horizontal FOV 78", vertical FOV 58", diagonal FOV 127" 4 mm, horizontal FOV 78", vertical FOV 38", diagonal FOV 96" Lens Mount M12 May For Yam, horizontal FOV 78", vertical FOV 38", diagonal FOV 96" Lens Mount M12 May For Yam, horizontal FOV 78", vertical FOV 55", diagonal FOV 96" Lens Mount M12 May For Yam, horizontal FOV 78", vertical FOV 55", diagonal FOV 96" Lens Mount M12 May For May	Camera					
Shutter Time 1/3 s to 1/100,000 s Min. Illumination Color:0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR Day & Night IR cut filter Angle Adjustment Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360° Lens Type Eens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 105°, vertical FOV 55°, diagonal FOV 127° 4 mm, horizontal FOV 78°, vertical FOV 38°, diagonal FOV96° Lens Mount M12 Iris Type Fixed Aperture F1.6 DORI 2.8 mm, D: 76 m, O: 30 m, R: 15 m, I: 7 m 4 mm, D: 115 m, O: 45 m, R: 23 m, I: 11 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength Yes So Dm So Dm: Video So Hz: 20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) <	Image Sensor	1/2.4" Progressive Scan CMOS				
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Day & Night IR cut filter Angle Adjustment Pan: 0* to 360*, tilt: 0* to 75*, rotate: 0* to 360* Lens Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV Fixed focal lens, 2.8 and 4 mm optional Ens Mount M12 Iris Type Fixed Aperture F1.6 DORI 2.8 mm, D: 76 m, O: 30 m, R: 15 m, I: 7 m 4 mm, D: 115 m, O: 45 m, R: 23 m, I: 11 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Range Up to 30 m Smart Supplement Light Range Up to 30 m Sup Supplement Light Range Up to 30 m Supplement Light Range Up to 30 m Sup Supplement Light Range Up to 30 m Supplement Light Range Up to 30 m Sup Supplement Light Range Up to 30 m Supplement Light Range Up to 30 m Sup Supplement Light Range Up to 30 m <th colspa<="" td=""><td>Shutter Time</td><td colspan="4">1/3 s to 1/100,000 s</td></th>	<td>Shutter Time</td> <td colspan="4">1/3 s to 1/100,000 s</td>	Shutter Time	1/3 s to 1/100,000 s			
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Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 105°, vertical FOV55°, diagonal FOV127° 4 mm, horizontal FOV 78°, vertical FOV 38°, diagonal FOV96° Lens Mount M12 Iris Type Fixed Aperture P1.6 DORI 3.8 mm, D: 76 m, O: 30 m, R: 15 m, 1: 7 m 4 mm, D: 115 m, O: 45 m, R: 23 m, 1: 11 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 mm Video Viges (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) Video Compression Main stream: H.265/H.264/MJPEG Video Bit Rate 32 kbps to 16 Mbps H.264 Typ	Day & Night	IR cut filter				
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Lens Mount M12 Iris Type Fixed Aperture F1.6 DORI Illuminator Supplement Light Type Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Wisplement Light Type Main Stream 50 Hz: 20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) Wideo Compression Main stream: H.265/H.264/HJPEG Video Bit Rate 32 Kbps to 16 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) A lixed region for main stream Audio Type Mono sound	Focal Longth & FOV	2.8 mm, horizontal FOV 105°, vertical FOV 55°, diagonal FOV 127°				
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DORI 2.8 mm, D: 76 m, O: 30 m, R: 15 m, I: 7 m 4 mm, D: 115 m, O: 45 m, R: 23 m, I: 11 m	Aperture	F1.6				
Name	DORI					
Muminator Supplement Light Type	DOBI	2.8 mm, D: 76 m, O: 30 m, R: 15 m, I: 7 m				
Supplement Light TypeIR, White LightSupplement Light RangeUp to 30 mSmart Supplement LightYesIR Wavelength850 nmVideoVideoSub-Stream50 Hz: 20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)Sub-Stream50 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360)Video CompressionMain stream: H.265+/H.265+/H.264+/H.264, Sub-stream: H.265+H.264/MJPEGVideo Bit Rate32 Kbps to 16 MbpsH.264 TypeBaseline Profile, Main ProfileH.265 TypeMain ProfileBit Rate ControlCBR, VBRRegion of Interest (ROI)1 fixed region for main streamAudioAudio TypeMono soundEnvironment Noise FilteringYesAudio Sampling Rate8 kHz/16 kHz	DORI	4 mm, D: 115 m, O: 45 m, R: 23 m, I: 11 m				
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Smart Supplement Light Yes IR Wavelength 850 nm Video Wain Stream 50 Hz:	Supplement Light Type	IR, White Light				
R Wavelength 850 mm	Supplement Light Range	Up to 30 m				
Video Main Stream 50 Hz:	Smart Supplement Light	Yes				
Main Stream 50 Hz: 20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) Video Compression Main stream: H.265+/H.265/H.264+/H.264, Video Bit Rate 32 Kbps to 16 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	IR Wavelength	850 nm				
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Sub-Stream 60 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) Video Compression Main stream: H.265+/H.264/H.264, Sub-stream: H.265/H.264/MJPEG Video Bit Rate 32 Kbps to 16 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz		20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)				
Video Compression Main stream: H.265+/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG Video Bit Rate 32 Kbps to 16 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Suh-Stream	50 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360)				
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Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	H.264 Type	Baseline Profile, Main Profile, High Profile				
Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	H.265 Type	Main Profile				
Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Bit Rate Control	CBR, VBR				
Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Region of Interest (ROI)	1 fixed region for main stream				
Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Audio					
Audio Sampling Rate 8 kHz/16 kHz	Audio Type	Mono sound				
· ·	Environment Noise Filtering	Yes				
Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC	Audio Sampling Rate	8 kHz/16 kHz				
	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC				
64 Kbps (G.711ulaw)/64 Kbps (G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to	Audio Bit Rate	64 Kbps (G.711ulaw)/64 Kbps (G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to				
160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)	Audio Dit Nate	160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)				



Network					
	Password protection, complicated password, watermark, basic and digest				
Security	authentication for HTTP, WSSE and digest authentication for Open Network Video				
Cinculta a causa Livra Vicavo	Interface, security audit log, host authentication (MAC address)				
Simultaneous Live View	Up to 6 channels				
API	Open Network Video Interface (Profile S, Profile T, Profile G (only -F model supports)), ISAPI, SDK				
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP				
User/Host	Up to 32 users				
0301/11030	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				
	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,				
Image Settings	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				
	-F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256				
On-Board Storage	GB				
Built-in Microphone	Yes				
Reset Key	-F: Yes				
Event					
Basic Event	Motion detection (supportalarm triggering by specified target types (human and vehicle)), video tampering alarm, exception				
	Upload to FTP/memory card (-F), send email, notify surveillance center, trigger				
Linkage	recording (-F), trigger capture				
General	. 556. 511/ ₉ (1 // 51.586. 54 pts. 5				
	12 VDC ± 25%, 0.41 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity				
Power	protection,				
	PoE: IEEE 802.3af, Class 3, max. 6.5 W				
Material	Metal & Plastic				
Dimension	Ø110 mm × 93 mm (Ø4.33" × 3.66")				
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")				
Weight	Approx. 340 g (0.7 lb.)				
With Package Weight	Approx. 560 g (1.2 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 via email				



Approval				
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			
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			

Typical Application

 $Hik vision\ products\ are\ classified\ into\ three\ levels\ according\ to\ their\ anti-corrosion\ performance.\ Refer\ to\ the\ following\ description\ to\ choose\ for\ your\ using\ environment.$

This model has NO SPECIFIC PROTECTION.

Level	Description		
	Hikvision products at this level are equipped for use in areas where professional		
Top-level protection	anti-corrosion protection is a must. Typical application scenarios include coastlines,		
	docks, chemical plants, and more.		
	Hikvision products at this level are equipped for use in areas with moderate anti-		
Moderate protection	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 constitue	Hikvision products at this level are equipped for use in areas where no specific anti-		
No specific protection	corrosion protection is needed.		

Available Model

DS-2CD1363G2-LIUF(2.8mm)

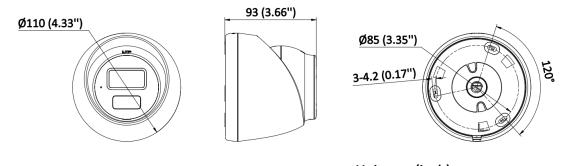
DS-2CD1363G2-LIUF(4mm)

DS-2CD1363G2-LIU(2.8mm)

DS-2CD1363G2-LIU(4mm)



Dimension



Unit:mm (inch)

Accessory

Optional

DS-1272ZJ-110-TRS Wall mount	DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount	DS-1280ZJ-S Junction box	DS-1281ZJ-S Inclined ceiling mount
7				
DS-1280ZJ-TR13 Junction box	DS-1271ZJ-110-TRS DS-1271ZJ-110-TRS			
	I			



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