

HIKVISION

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DS-2CD2743G2-LIZS2U

AcuSense

4 MP Acusense Smart Hybrid Light Motorized Varifocal Dome Network Camera



- High quality imaging with 4 MP resolution
- Acusense: Focus on human and vehicle classification based on deep learning
- Smart Hybrid Light: Integrates IR and White lights, 4 supplemental lighting modes
- Built-in arrayed dual-microphone for real-time high quality audio security
- Clear imaging against strong back light due to 120 dB true WDR technology
- Efficient H.265+ compression technology
- Motorized varifocal lens for easy installation and monitoring
- Water and dust resistant (IP67) and vandal-resistant (IK10)



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Specification

Camera					
Image Sensor	1/3" Progressive Scan CMOS				
Max. Resolution	2688 × 1520				
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with light				
Shutter Time	1/3 s to 1/100,000 s				
Day & Night	IR cut filter				
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°				
Lens					
Lens Type	Varifocal lens, motorized lens, 2.8 to 12 mm				
Focal Length & FOV	2.8 to 12 mm, horizontal FOV 102.4° to 31.2°, vertical FOV 54.7° to 17.6°, diagonal FOV 122.1° to 35.8°				
Lens Mount	Ø14				
Iris Type	Fixed				
Aperture	F1.6				
DORI					
DORI	2.8 to 12 mm: D: 64 m to 198 m, O: 25.4 m to 78.6 m, R: 12.8 m to 39.6 m, I: 6.4 m to 19.8 m				
Illuminator					
Supplement Light Type	IR, White Light				
Supplement Light Range	Up to 40 m				
Smart Supplement Light	Yes				
IR Wavelength	850 nm				
Video					
Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)				
Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)				
Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings.				
Video Compression	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, *Third stream is 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				
Scalable Video Coding (SVC)	H.264 and H.265 encoding				
Bit Rate Control	CBR, VBR				
Region of Interest (ROI)	1 fixed region for main stream and sub-stream				
Target Cropping	Yes				
Audio					
Audio Compression	ession G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC				



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Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)				
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz				
Environment Noise Filtering	Yes				
Network					
	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP,				
Protocols	SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets				
Simultaneous Live View	Up to 6 channels				
API	ONVIF (Profile S, Profile G), ISAPI, SDK, ISUP				
	Password protection, complicated password, HTTPS encryption, IP address filter,				
Security	Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2/1.3,				
	WSSE and digest authentication for Open Network Video Interface				
11	Up to 32 users				
User/Host	3 user levels: administrator, operator, and user				
Client	iVMS-4200, Hik-Connect, Hik-Central				
	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.				
	Plug-in required live view: IE 11,				
Web Browser	Plug-in free live view: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+,				
	Local service: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+				
Image					
Image Parameters Switch	Yes				
Day/Night Switch	Day, Night, Auto, Schedule				
Wide Dynamic Range (WDR)	120 dB				
SNR	≥ 52 dB				
Image Enhancement	BLC, HLC, 3D DNR				
Privacy Mask	8 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: Arrayed dual-microphone				
	1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input				
Audio	impedance: 4.7 K Ω , interface type: non-equilibrium,				
	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. 24 VDC/24 VAC, 1 A)				
Built-in Microphone	Yes, 2 built-in microphones				
Reset Key	Yes				
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 alarm				
	output, trigger recording, trigger capture				



Perimeter ProtectionLine crossing, intrusion Support alarm triggering by specified target types (human and vehicle)GeneralPower12 VDC ± 25%, 0.88 A, max. 10.56 W, Ø5.5 mm coaxial power plug, reverse polarity protection, portic IEEE 802.3af, Class 3, max. 12.5 WMaterialMetalDimensionØ121.5 mm × 97.6 mm (Ø4.78" × 3.84")Package Dimension150 mm × 140 mm (5.9" × 5.9" × 5.5")WeightApprox. 620 g (1.4 lb.)With Package WeightApprox. 620 g (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)Startup and Operating 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)Beneral FunctionHeartbeat, mirror, flash log, password reset via email, platel counter, anti-bandingApprox.Beneral Cech.Si So32:2015+A1:202, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:202, EN 61000-3-3:2013+A1:2019+A2:2021, EMCEMCEI EC 6503: Issue 7, KC: NN32: 2015, KN35: 2015SafetyEI: IS 13252 (Part 1): 2010/IEC 60950-1: 2005, LOA: IEC/EN 60950-1EnvironmentCE-RoHS: 2011/15/EU, React: Regulation (EC) No 1907/2006ProtectionP67: IEC 60529-2013, IK10: IEC 62262:2002	Deep Learning Function				
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Protection IP67: IEC 60529-2013, IK10: IEC 62262:2002	Environment	WEEE: 2012/19/EU,			
	Protection	IP67: IEC 60529-2013, IK10: IEC 62262:2002			

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		
	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.		
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		

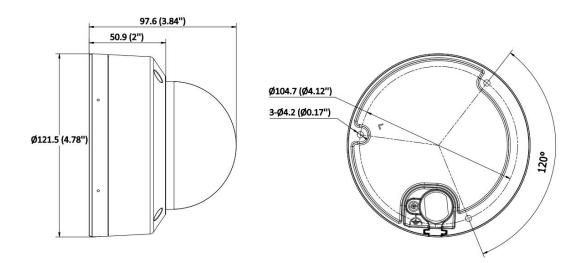


	kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.		
No specific protection	Hikvision products at this level are equipped for use in areas where no specific		
No specific protection	anti-corrosion protection is needed.		

Available Model

DS-2CD2743G2-LIZS2U(2.8-12mm) DS-2CD2743G2-LIZS2U(2.8-12mm)(Black)

Dimension



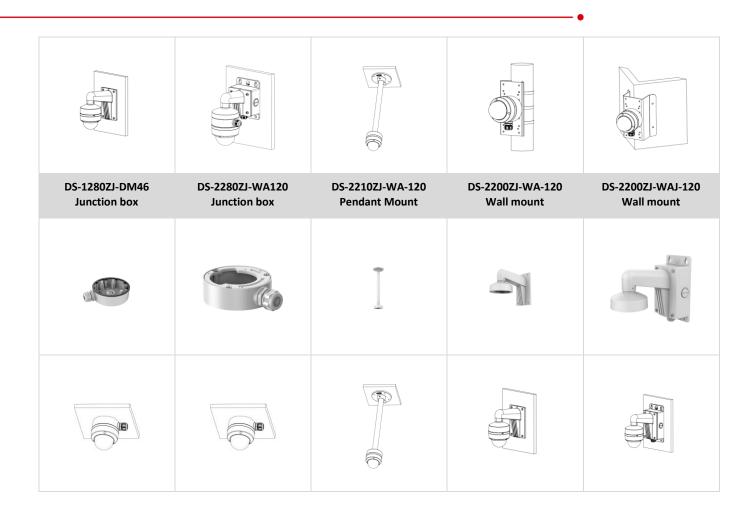
Unit: mm (inch)

Accessory

Optional

DS-1272ZJ-120	DS-1272ZJ-120B	DS-1271ZJ-120	DS-1275ZJ-SUS	DS-1276ZJ-SUS
Wall mount	Wall mount	Pendant Mount	Vertical pole mount	Corner mount
	e		<u>* 4 6</u>	





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Hikvision Corporate Channel



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