

DS-2CD2763G2-IZS

6 MP AcuSense Motorized Varifocal Dome Network Camera

AcuSense















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
- Motorized varifocal lens for easy installation and monitoring
- Efficient H.265+ compression technology
- Clear imaging against strong backlight due to 120 dB true
 WDR technology
- Focus on human and vehicle targets classification based on deep learning
- Audio and alarm interface available
- Water and dust resistant (IP67) and vandal-resistant (IK10)





Specification

Camera						
Image Sensor	1/2.8" Progressive Scan CMOS					
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					
Slow Shutter	Yes					
P/N	P/N					
Wide Dynamic Range	120 dB					
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 106° to 32°, vertical FOV 55° to 18°, diagonal FOV 129° to 36°					
Lens Mount	Ø14					
Iris Type	Fixed					
Aperture	F1.6					
DORI						
DORI	2.8 to 12 mm: D: 80 m to 245 m, O: 32 m to 97 m, R: 16 m to 49 m, I: 8 m to 24 m					
Illuminator						
Supplement Light Type	IR					
Smart Supplement Light	Yes					
IR Wavelength	850 nm					
IR Range	Up to 40 m					
Video						
Max. Resolution	3200 × 1800					
Main Stream	50 Hz: 20 fps (3200 × 1800) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)					
Sub Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)					
Third Stream	50 Hz: 10 fps (1920 \times 1080, 1280 \times 720, 640 \times 480, 640 \times 360) 60 Hz: 10 fps (1920 \times 1080, 1280 \times 720, 640 \times 480, 640 \times 360) *Third stream is supported under certain settings.					
Video Compression						
Video Compression Video Bit Rate	*Third stream is supported under certain settings. 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. 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	*Third stream is supported under certain settings. 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. 32 Kbps to 16 Mbps					
Video Bit Rate H.264 Type	*Third stream is supported under certain settings. 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. 32 Kbps to 16 Mbps Baseline Profile/Main Profile/High Profile					



Scalable Video Coding (SVC)	Bit Rate Control	CBR/VBR		
Audio Compression G.71ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC Audio Sampling Rate & Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 Kbps to 64 Kbps (AAC)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3) Audio Sampling Rate & 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, UPPP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPOE, SNMP Simultaneous Live View Up to 6 channels API Open Network Video Interface (Profile S, Profile G), ISAPI, SDK User/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, IP address filter, 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 NAS (NFS, SMB/CIFS), auto network replenishment (ANR) 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+ Local service: Chrome 57.0+, Shedule Image Parameters Switch Yes Rotate, mirror, privacy mask, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR SNR 252 dB Interface Ethernet Interface 1R45 10 M/100 M self-adaptive Ethernet port Ethernet Interface 1R45 10 M/100 M self-adaptive Ethernet port Audio 1 Luty (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, output impedance: 47 KG, interface type: non-equilibrium; 1 utput (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 G, interface type: non-equilibrium Alarm 1 input, 1 output (max. 24 VDC/24 VAC, 1 A) Motion detection (human and vehicle targets classification), video ta	Scalable Video Coding (SVC)	H.264 and H.265 encoding		
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Audio Bit Rate	Audio			
Audio Sit Rate Kbps (AAC)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3) Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Environment Noise Filtering Yes 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, SMMP Simultaneous Live View Up to 6 channels API Open Network Video Interface (Profile S, Profile G), ISAPI, SDK 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 NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Client IVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: Et 10, IE 11 Web Browser Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+ Image Braneters Switch Yes Mage Settings Rotate, mirror, privacy mask, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR SNR 2 52 dB Interface Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port On-board Storage Built-in memory card slot, support micro SD card, up to 256 GB 1 input (line out), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KQ, interface type: non-equilibrium; 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Q, interface type: non-equilibrium; 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Q, interface type: non-equilibrium; 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Q, interface type: non-equilibrium; 2 output impeda	Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC		
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Image EnhancementBLC, HLC, 3D DNRSNR≥ 52 dBInterface1 RJ45 10 M/100 M self-adaptive Ethernet portOn-board StorageBuilt-in memory card slot, support micro SD card, up to 256 GBAudio1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, 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-equilibriumAlarm1 input, 1 output (max. 24 VDC/24 VAC, 1 A)Hardware ResetYesEventMotion detection (human and vehicle targets classification), video tampering alarm, exception	mage sectings	balance adjustable by client software or web browser		
Interface Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port On-board Storage Built-in memory card slot, support micro SD card, up to 256 GB Audio 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, 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) Hardware Reset Yes Event Motion detection (human and vehicle targets classification), video tampering alarm, exception	Day/Night Switch	Day, Night, Auto, Schedule		
Interface Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port On-board Storage Built-in memory card slot, support micro SD card, up to 256 GB Audio 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, 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) Hardware Reset Yes Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception	Image Enhancement	BLC, HLC, 3D DNR		
Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port On-board Storage Built-in memory card slot, support micro SD card, up to 256 GB 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, 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) Hardware Reset Yes Event Motion detection (human and vehicle targets classification), video tampering alarm, exception	SNR	≥ 52 dB		
On-board Storage Built-in memory card slot, support micro SD card, up to 256 GB 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: $4.7 \text{ K}\Omega$, interface type: non-equilibrium; 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp , output impedance: 100Ω , interface type: non-equilibrium Alarm 1 input, 1 output (max. $24 \text{ VDC}/24 \text{ VAC}$, 1 A) Hardware Reset Yes Event Motion detection (human and vehicle targets classification), video tampering alarm, exception	Interface			
1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, 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) Hardware Reset Yes Event Motion detection (human and vehicle targets classification), video tampering alarm, exception	Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port		
Audio impedance: 4.7 KΩ, 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) Hardware Reset Yes Event Motion detection (human and vehicle targets classification), video tampering alarm, exception	On-board Storage	Built-in memory card slot, support micro SD card, up to 256 GB		
Audio 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) Hardware Reset Yes Event Motion detection (human and vehicle targets classification), video tampering alarm, exception				
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) Hardware Reset Yes Event Motion detection (human and vehicle targets classification), video tampering alarm, exception	Audio			
Alarm 1 input, 1 output (max. 24 VDC/24 VAC, 1 A) Hardware Reset Yes Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception	7.44.15			
Hardware Reset Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception		· · · · · · · · · · · · · · · · · · ·		
Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception		1 input, 1 output (max. 24 VDC/24 VAC, 1 A)		
Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception		Yes		
Basic Event exception	Event			
Face Detection Yes	Basic Event			
	Face Detection	Yes		



Deep Learning Function			
Perimeter Protection	Line crossing detection, intrusion detection		
Perimeter Protection	Supports human and vehicle targets classification		
General			
inkaga Mathad	Upload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger		
Linkage Method	capture, send email		
Camera Material	Upper cover and base: metal		
Camera Waterial	Bubble: plastic		
Camera Dimension	Ø153.3 mm × 111.6 mm (Ø6.1" × 4.4")		
Package Dimension	244 mm × 174 mm × 173 mm (9.7" × 6.9" × 6.9")		
Camera Weight	Approx. 885 g (1.9 lb.)		
With Package Weight	Approx. 1479 g (3.1 lb.)		
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)		
Startup and Operating	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)		
Conditions			
	33 languages		
	English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak,		
Web Client Language	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		
Firmware Version	V5.5.113		
Software Reset	Yes		
General Function	Anti-flicker, heartbeat, password reset via email, pixel counter		
Power Consumption and Current	12 VDC, 0.88 A, max. 10.5 W		
rower consumption and current	PoE (802.3af, 36 V to 57 V), 0.35 A to 0.22 A, max. 12.5 W		
Power Supply	12 VDC ± 25%, reverse polarity protection		
σως: συρριγ	PoE: 802.3af, Class 3		
Power Interface	Ø5.5 mm coaxial power plug		
Approval			
	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN		
EMC	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		
Juicty	60950-1:2005 + Am 1:2009 + Am 2:2013)		
Environment	nent CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)		
Protection	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)		

Available Model

DS-2CD2763G2-IZS (2.8 to 12 mm)

Typical Application

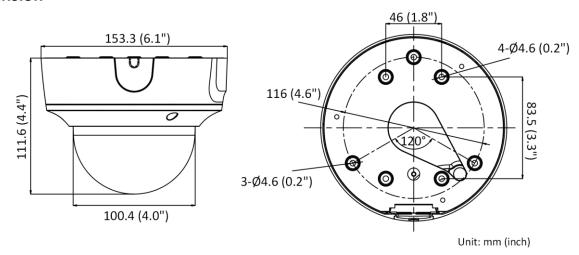
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

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-1471ZJ-155	DS-1473ZJ-155B	DS-1473ZJ-155	DS-1280ZJ-DM55	DS-1475ZJ-SUS
Pendant Mount	Wall Mount	Wall Mount	Junction Box	Vertical Pole Mount
	6			
DS-1476ZJ-SUS	DS-1227ZJ-DM44			
Corner Mount	Pendant Mount			



Distributed by

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