

DS-2CD2126G2-I

2 MP AcuSense Powered-by-DarkFighter Fixed 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 2 MP resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- 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
- Water and dust resistant (IP67) and vandal resistant (IK10)





Specification

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Camera					
Image Sensor	1/2.8" Progressive Scan CMOS				
Max. Resolution	1920 × 1080				
Min. Illumination	Color: 0.002 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR				
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	Fixed focal lens, 2.8 and 4 mm optional				
Focal Longth & FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129°				
Focal Length & FOV	4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102°				
Lens Mount	M12				
Iris Type	Fixed				
Aperture	F1.4				
Donth of Field	2.8 mm: 1.1 m to ∞				
Depth of Field	4 mm: 1.2 m to ∞				
DORI					
DON	2.8 mm: D: 44 m, O: 17 m, R: 9 m, I: 4 m				
DORI	4 mm: D: 53 m, O: 21 m, R: 11 m, I: 5 m				
Illuminator					
Supplement Light Type	IR				
Supplement Light Range	Up to 30 m				
Smart Supplement Light	Yes				
IR Wavelength	850 nm				
Video					
M : 61	50 Hz: 25 fps (1920 × 1080, 1280 × 720)				
Main Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 720)				
Cula Chua ana	50 Hz: 25 fps (640 × 480, 640 × 360)				
Sub-Stream	60 Hz: 30 fps (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				
	Third stream: H.265/H.264				
Video Bit Rate	32 Kbps to 8 Mbps				
H.264 Type	Baseline Profile, Main Profile, High Profile				
H.265 Type	Main Profile				
Bit Rate Control	CBR, VBR				
Scalable Video Coding (SVC)	Coding (SVC) H.264 and H.265 encoding				
Region of Interest (ROI)	1 fixed region(s) for main stream and sub-stream				



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, SNMP, WebSocket,				
	WebSockets				
Simultaneous Live View	Up to 6 channels				
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP				
Smooth Streaming	Yes				
Hear/Hest	Up to 32 users				
User/Host	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				
	Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS				
	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+				
	Local service: Chrome 57.0+, Firefox 52.0+				
Image					
Image Parameters Switch	Yes				
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,				
	adjustable by client software or web browser				
Day/Night Switch	Day, Night, Auto, Schedule				
Wide Dynamic Range (WDR)	120 dB				
SNR	≥ 52 dB				
Image Enhancement	BLC, HLC, 3D DNR				
Privacy Mask	Yes				
Interface					
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port				
On-Board Storage	Built-in memory card slot, support microSD card, up to 256 GB				
Reset Key	Yes				
Event					
Basic Event	Motion detection (support alarm triggering by specified target types (human and				
Busic Event	vehicle)), video tampering alarm, exception				
	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				
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger				
Z.I.I.WBC	recording, trigger capture				
Deep Learning Function					
Face Capture	Yes				



General					
	12 VDC ± 25%, 0.5 A, max. 6 W, Ø5.5 mm coaxial power plug, reverse polarity				
Power	protection,				
	PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 7.5 W				
Material	Base: metal, cover: metal				
Dimension	Ø110.8 × 84.7 mm (Ø4.4" × 3.3")				
Package Dimension	134 × 134 × 108 mm (5.3" × 5.3" × 4.3")				
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)				
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, mirror, privacy mask, flash log, password reset via email, pixel counter				
Approval					
EMC	FCC: 47 CFR Part 15, Subpart B, CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014, KC: KN32: 2015, KN35: 2015				
Safety	UL: UL 62368-1, CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, 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, IK10: IEC 62262:2002				

Available Model

DS-2CD2126G2-I (2.8/4 mm)

Typical Application

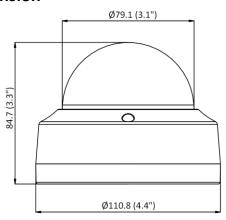
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

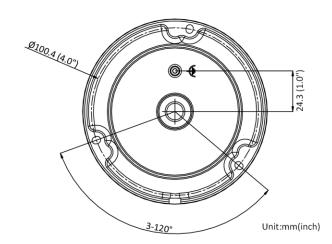
This model has NO SPECIFIC PROTECTION.



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-1275ZJ-SUS	DS-1272ZJ-110	DS-1271ZJ-110	DS-1276ZJ-SUS	DS-1250ZJ
■ Vertical Pole Mount	Wall Mount	Pendant Mount	Corner Mount	Rain Shade
# " 2" 2" 2"				
DS-1259ZJ	DS-1258ZJ	DS-1280ZJ-DM18	DS-1272ZJ-110B	
Inclined Ceiling Mount	Wall Mount	Junction Box	Wall Mount	
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Distributed by

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