

DS-2CD7126G0/L-IZS 2 MP Varifocal Dome Network Camera

DarkFighter



DeepinView^{series}

- 1/1.8" Progressive Scan CMOS
- 1920 × 1080 @ 30fps
- MJPEG up to 1920 × 1080 @ 30fps
- 2.8 to 12 mm/8 to 32 mm motorized lens
- Color: 0.002 Lux @ (F1.2, AGC ON), 0.004 Lux @ (F1.6, AGC ON), 0 Lux with IR
- H.265, H.265+, H.264, H.264+
- 140dB WDR
- IR range: up to 30 m
- Alarm 1 input/1 output, audio 1 input/1 output, RS-485
- IK10
- 5 streams and up to 5 custom streams
- 6 behavior analyses, 3 exception detection, and face detection
- Built-in microSD/SDHC/SDXC card slot, up to 256 GB
- Metadata of queue management is supported.



Function

Smooth Streaming

Smooth streaming offers solutions to improve the video quality in different network conditions. For example, in poor network conditions, adapting to the detected real-time network condition, streaming bit rate and resolution are automatically adjusted to avoid mosaic and lower latency in live view; in multiplayer network conditions, the camera transmits the redundant data for the self-error correcting in back-end device, so that to solve the mosaic problem because of the packet loss and error rate.

Metadata

Metadata uses individual instances of application data or the data content. Metadata can be used for third-party application development.

Power Protection

The camera supports a wide voltage range of 10 VDC to 48 VDC. If the voltage instability occurs, the camera still works properly. The camera supports reverse polarity protection which can avoid the camera malfunction caused by false operation.

Queue Management

With embedded deep learning based algorithms, the camera detects queuing-up people number and waiting time of each person. The body feature detection algorithm helps filter out wrong targets and increase the accuracy of detection.

Specifications

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON), 0.004 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter. IR cut filter. Blue glass module to reduce ghost phenomenon.
WDR	140 dB
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Lens Type	Motorized lens, 2.8 to 12 mm and 8 to 32 mm optional
Aperture	2.8 to 12 mm: F1.2 to 2.5 8 to 32 mm: F1.6, Constant F1.6 throughout the zoom range
Focus	Auto, semi-auto, manual
FOV	2.8 to 12 mm, horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3° 8 to 32 mm, horizontal FOV 42.5° to 13.4°, vertical FOV 23.4° to 7.7°, diagonal FOV 49° to 15.3°
Lens Mount	Integrated
Illuminator	
IR Range	Up to 30 m
Wavelength	850 nm
Video	
Max. Resolution	1920 × 1080
Video Stream	5 defined streams and up to 5 custom stream
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480)
Fourth Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fifth Stream	50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480)
Custom Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub stream/third stream/fourth stream/fifth stream/custom stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile

H.264+	Main stream support
H.265 Type	Main Profile
H.265+	Main stream support
Video Bit Rate	32 Kbps to 16 Mbps
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Audio	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Smart Feature-Set	
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Queue Management	Detects queuing-up people number, and waiting time of each person Generates reports to compare the efficiency of different queuing-ups and display the changing status of one queue Supports raw data export for further analysis
Statistics	Counting
Linkage Method	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture
Region of Interest	Main stream/sub stream/third stream/fourth stream/fifth stream: 4 fixed regions for each stream
Image	
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS, distortion correction
Image Setting	Saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
Target Cropping	Yes
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
Network	
Network Storage	microSD/SDHC/SDXC card (256 GB), local storage and NAS (NFS,SMB/CIFS), ANR Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
API	ONVIF (PROFILE S, PROFILE G), ISAPI, SDK
Smooth Streaming	Yes
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for

	ONVIF, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.2
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 user levels, administrator, operator and user
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE8+, Chrome 41.0-44, Mozilla Firefox30.0-51, Safari8.0-11 Plug-in free live view: Chrome 45+, Mozilla Firefox52+
Interface	
Audio	1-ch 3.5 mm input (line in), 1-ch 3.5 mm output (line out), mono sound
Communication Interface	1 RJ45 10M/100M/1000M Ethernet port 1 RS-485 interface (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Alarm	1 input, 1 output (max. 24 VDC/VAC, 1A)
Video Output	1Vp-p composite output (75 Ω/CVBS), only for adjustment
Power Output	12 VDC, max. 200mA
Interface Style	Socket style interface
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
General	
Firmware Version	5.5.90
Web Client Language	32 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)
General Function	Anti-flicker, 5 streams and up to 5 custom streams, heartbeat, mirror, privacy masks, flash log, password reset via e-mail, pixel counter
Reset	Reset via reset button on camera body, web browser and client software
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3af, class 3)
Power Consumption and Current	With extra load: 12 VDC, 0.8 A, max. 10.5 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.3 A, class 3 Without extra load: 12 VDC, 0.6 A, max. 8.0 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.3 A, class 3 "with extra load" means that an extra device is connected to and powered by the camera.
Material	Metal
Dimensions	Camera: Φ140.5 × 122.6 mm (Φ5.5" × 4.8") With package: 244 × 174 × 173 mm (9.6" × 6.9" × 6.8")
Weight	Camera: approx. 950 g (2.09 lb.) With Package: approx. 1300 g (2.87 lb.)

Approval	
EMC	47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; AS/NZS CISPR 32: 2015; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015
Safety	UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010+A1:2013+A2:2015
Chemistry	2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006
Protection	Ingress protection: IK10 (IEC 62262:2002)

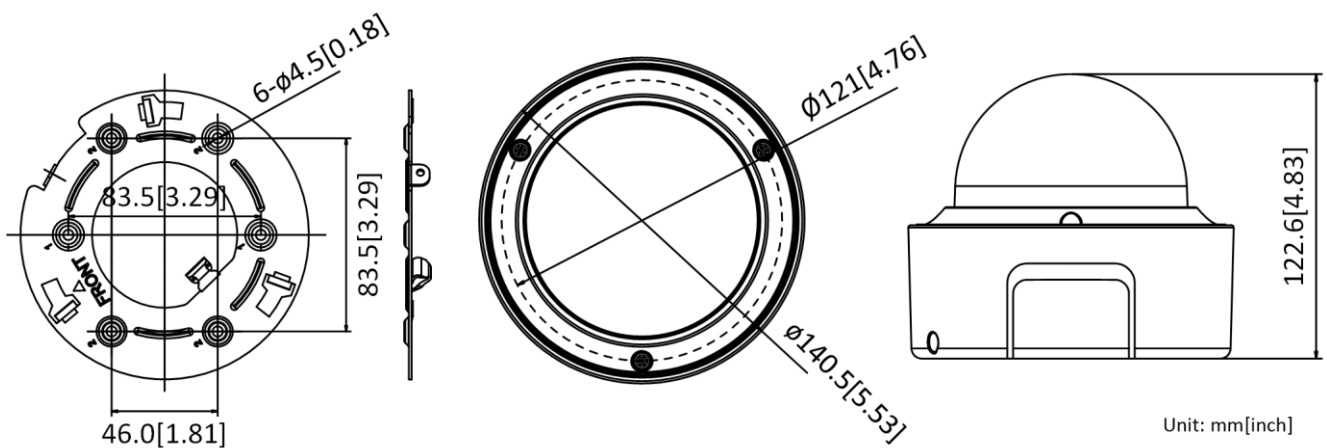
* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Available Model

DS-2CD7126G0/L-IZS (2.8 to 12 mm), DS-2CD7126G0/L-IZS(8 to 32 mm)

* /L: Queue management supported.

Dimension



Accessory



DS-1273ZJ-130
Wall Mount



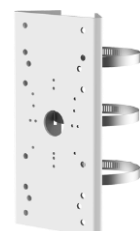
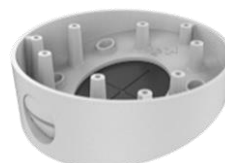
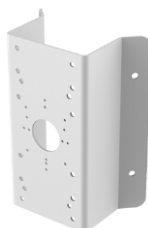
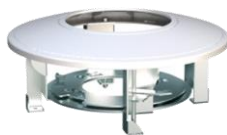
DS-1273ZJ-130B
Wall Mount




DS-1271ZJ-130
Pendant Mount



DS-1279ZJ
Pole





DS-1227ZJ
In-ceiling Mount

DS-1276ZJ-SUS
Corner Mount

DS-1281ZJ-DM23
Inclined Ceiling Mount

DS-1275ZJ-SUS
Vertical Pole Mount

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