HIKVISION®

DS-2CD7126G0-IZS(8)
2 MP Indoor VF Network Dome Camera

DarkFighter

LightFighter

DeepinView series

The Hikvision DS-2CD7126G0-IZS(8) DeepinView Indoor VF Network Dome Camera includes deep learning technology for human detection and face detection. DeepinView cameras include video analysis to identify human subjects, and reduce false alarms. It supports H.265+ video compression, which assures savings in bandwidth and storage. Darkfighter technology allows for viewing and recording in ultra low-light conditions.

With a WDR of 140 dB and Lightfighter technology, it provides superb image quality.

The camera is equipped with a 2.8 to 12 mm and 8 to 32 mm motorized vari-focal lenses, and offers an EXIR 2.0 IR range of up to 165 ft (50 m) and 330 ft (100 m).

Smart features, such as line crossing, intrusion, scene change detection, and face recognition are also supported.

Available models:
DS-2CD7126G0-IZS(8)

- 1/1.8" (2 MP) Progressive Scan CMOS
- 1080p Resolution @ 60 fps
- EXIR 2.0 with up to 100 ft (30 m) IR Range
- 2.8 to 12 mm Motorized Vari-Focal Lens
- Ultra-Low Light, 0.002 Lux (with f/1.2 Lens), Darkfighter Technology
- H.265+, H.265, H.264+, H.264
- 5 Defined Streams and 5 Custom Streams
- 140dB WDR, Lightfighter Technology
- MicroSD Card Slot Supports 256 GB
- IK10 Protection
- 12 VDC and PoE (802.3af)

H.265+   smart   WDR   smart 60FPS

c UL us   CE   FC   SCSA us   ONVIF

Specifications

DS-2CD7126G0-IZS(8)		
Camera		
Image Sensor	1/1.8" (2 MP) progressive scan CMOS	
Minimmum Illumination	Color: 0.002 lux @ (f/1.2, AGC on), 0 Lux with IR	
Shutter Speed	1s to 1/100,000 s	
Slow Shutter	Yes	
Day/Night	IR cut filter	
Digital Noise Reduction	3D DNR	
WDR	140 dB	
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	
Lens		
Focal Length	2.8 mm to 12 mm motorized vari-focal lens	8 mm to 32 mm motorized vari-focal lens
Aperture	f/1.2	f/1.6
Focus	Auto, semi-atuo, 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	
IR		
IR Range	100 ft (30 m)	
Wavelength	850 nm	
Compression Standard		
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.265/H.264+/H.264/MJPEG	
H.264 Type	Baseline profile/main profile/high profile	
H.264+	Main stream supported	
H.265 Type	Main profile	
H.265+	Main stream supported	
Video Bit Rate	32 Kbps to 16 Mbps	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM	
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/32 Kbps (PCM)	
Smart-Feature Set		
Perimeter Protection	Line crossing, intrusion, region entrance, and region exiting. Supports alarm triggering by specified target types (human and vehicle). Filters out mistaken alarms caused by target types, such as leaves, lights, animals, flags, etc.	
Event Detection	Unattended baggage detection, object removal detection, scene change detection, defocus detection, and audio exception detection	
Face Detection and Capture	Face detection performance: up to 30 faces per frame. Face capture alarm frequency: up to 21 times per second. Detectable face position: left and right swings from -65° to 65°, up and down tilts from -45° to 45°.	
Statistics	Counting	
Face Detection	Yes	
Region of Interest	Main stream/sub stream/third stream/fourth stream/fifth stream: four fixed regions and dynamic face tracking for each stream.	
Image		
Maximum Resolution	1920 x 1080	
Main Stream	60 fps (1920 × 1080, 1280 × 960, 1280 × 720)	
Sub Stream	30 fps (704 × 480, 640 × 480)	
Third Stream	30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480)	
Fourth Stream	30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)	
Fifth Stream	30 fps (704 × 480, 640 × 480)	
Custom Stream	30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480); up to 5 custom streams are supported	
Image Enhancement	BLC, HLC, defog, 3D DNR, EIS	
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser	
Target Cropping	Yes	
SVC	H.264 and H.265 encoding	
Day/Night Switch	Day/night/auto/schedule/triggered by alarm in	
Picture Overlay	Logo picture can be overlaid on video with a 128 × 128 24-bit bmp format	
Network		
Network Storage	Supports microSD/SDHC/SDXC card (256 GB) local storage, NAS (NFS,SMB/CIFS), and ANR	
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error	
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	
Security Measures	Password protection, HTTPS encryption, IEEE 802.1x port-based network access control, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF	
General Function	One-key reset, anti-flicker, five streams and up to 5 custom streams, heartbeat, password protection, privacy mask, watermark, IP address filter	
API	ONVIF (PROFILE S, PROFILE G), ISAPI, SDK	
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	IE8+, Mozilla Firefox 30.0+, Google Chrome 31.0+, Safari 8.0+; plug-in free live view supported	
Interface		
Audio	One-ch 3.5 mm input (line in), one-ch 3.5 mm output (line out), mono sound	
Communication Interface	One-port RJ45 10M/100M/1000M Ethernet port; one RS-485 interface (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)	
Alarm	One input, one output (up to 24 VDC 1A or 110 VAC 500 mA)	
Video Output	One Vp-p composite output (75 Ω/CVBS)	
Power Output	12 VDC, max. 200 mA	
On-Board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	
BNC	CVBS analog output (4CIF resolution)	
Reset Button	Yes	
Audio		
Environmental Noise Filtering	Yes	
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz	
General		
Operating Conditions	-22° F to 140° F (-30° C to 60° C), humidity: 95% or less (non-condensation)	
Power Supply	12 VDC ± 20%, terminal block; PoE (802.3af, class 3)	
Power Consumption and Current	12 VDC ± 20%, 0.7 A, maximum 8 W; PoE (802.3af, 36 V to 57 V), 0.3 A to 0.2 A	
Protection	IK10	
Material	Aluminum alloy	
Dimensions	Φ 5.5" x 4.8" (Φ 140.5 mm x 122.6 mm)	
Weight	Approximately 2.09 lbs (950 g)	

HIKVISION

Rev. 060518NA

Accessories

WML + PC130	WML + PC130B	CPM + PC130	CPME	RCM-1	CM	AB135	PM
Wall Mount Long _ 130 mm Pendant Cap	Wall Mount Long _ 130 mm Pendant Cap (Black)	Ceiling Pendant Mount + 130 mm Pendant Cap	Ceiling Pendant Mount Extension Pipe	Recessed Ceiling Mount	Corner Mount	15˚ Angled Base	Pole Mount

Dimensions

Unit: mm[inch]