

DS-2CD7185G0-IZS

8 MP Indoor Varifocal Network Dome Camera



DeepinView^{series}

- 1/1.8" (8 MP) Progressive Scan CMOS
- Up to 3840 x 2160 Resolution @ 30 fps
- Human, Vehicle, and Face Detection
- EXIR 2.0 with up to 100 ft (30 m) IR Range
- 2.8 to 12 mm Motorized Varifocal Lens
- H.265+, H.265, H.264+, H.264
- 120dB WDR
- Alarm/Audio Input/Output
- 12 VDC Accessory Output
- MicroSD Card Slot Supports 256 GB
- IK10 Protection
- Dome has Anti-Reflective Coating
- 12 VDC and PoE (802.3af)

The Hikvision DS-2CD7185G0-IZS DeepinView Indoor Varifocal Network Dome Camera includes deep learning technology for human, vehicle, and face detection. It supports H.265+ video compression, which assures savings in bandwidth and storage.

The camera is equipped with a 2.8 to 12 mm motorized varifocal lens, and offers an EXIR 2.0 IR range of up to 100 ft (30 m).

Smart features, such as line crossing, intrusion, scene change detection, and other event detection capabilities.

Available models:
DS-2CD7185G0-IZS



Specifications

DS-2CD718560-IZS

Camera

Image Sensor	1/1.8" (8 MP) progressive scan CMOS
Minimum Illumination	Color: 0.007 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	120dB
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°

Lens

Focal Length	2.8 mm to 12 mm motorized varifocal lens
Aperture	f/1.2
Focus	Auto, semi-auto, manual
FOV	2.8 to 12 mm, horizontal FOV 112.4° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47°
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)

Smart-Feature Set

Human and Vehicle Detection	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	3840 x 2160
Main Stream	30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub Stream	30 fps (704 × 480, 640 × 480)
Third Stream	30 fps (1920 × 1080, 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, lens distortion correction
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, 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	Plug-in required for live view: IE 8-11, Chrome 41-44, Mozilla Firefox 30.0-51, Safari 8.0+ Plug-in free live view: Chrome 45+, Mozilla Firefox 52+

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 12 VDC 1A, or 10 VAC 500 mA)
Video Output	One Vp-p composite output (75 Ω/CVBS)
Power Output	12 VDC, maximum 200 mA (supported by all power supply types)
On-Board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
BNC	CVBS analog output (4CIF resolution), internal
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, 0.8 A, max. 12.5 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.3 A, class 3
Protection	IK10
Material	Aluminum alloy
Dimensions	∅ 5.5" x 4.8" (∅ 140.5 mm x 122.6 mm)
Weight	Approximately 2.09 lbs (950 g)

Accessories

						
WML + PC130 Wall Mount Long + 130 mm Pendant Cap	CPM + PC130 Ceiling Pendant Mount + 130 mm Pendant Cap	CPME Ceiling Pendant Mount Extension Pipe	RCM-1 Recessed Ceiling Mount	CM Corner Mount	AB135 15° Angled Base	PM Pole Mount

Dimensions

