DS-2CD7585G0-IZHSx

8 MP Outdoor Varifocal Dome Network Camera

DeepinView series

- 1/1.8" (8 MP) Progressive Scan CMOS
- 3840 x 2160 Resolution @ 30 fps
- Human, Vehicle, and Face Detection
- EXIR 2.0 Range up to 100 ft (30 m) or 165 ft (50 m)
- 2.8 to 12 mm or 8 to 32 mm Motorized Varifocal Lens Options
- H.265+, H.265, H.264+, H.264
- 5 Defined Streams and 5 Custom Streams
- 120dB WDR
- Alarm Input/Output
- MicroSD Card Slot Supports 256 GB
- Convenient Integrated Conduit Base
- Anti-Fog Coating Inside of Lens Cover
- IP67, IK10 Protection
- 12 VDC and PoE (802.3af)

The Hikvision DS-2CD7585G0-IZHSx DeepinView Outdoor Varifocal Dome Network 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 can be equipped with a 2.8 to 12 mm or 8 to 32 mm motorized varifocal lens, and offers an EXIR 2.0 IR range of up to 100 ft (30 m) or 165 ft (50 m).

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

Available models:
DS-2CD7585G0-IZHS
DS-2CD7585G0-IZHS8

Specifications

	DS-2CD7585G0-IZHS	DS-2CD7585G0-IZHS8
Camera		
Image Sensor	1/1.8" Progressive Scan CMOS	
Minimum Illumination	Color: 0.007 lux @ (f/1.2, AGC on), 0.016 lux @ (f/1.8, AGC on) , 0 lux with IR	
Shutter Speed	1 s to 1/100,000 s	
Slow Shutter	Yes	
Day/Night	IR Cut Filter	
Digital Noise Reduction	3D DNR	
WDR	120dB	
Angle Adjustment	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	
Lens		
Focal Length	2.8 to 12 mm	8 to 32 mm
Aperture	f/1.2	f/1.8
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°	8 to 32 mm, horizontal FOV 39° to 15.6°, vertical FOV 21.8° to 8.9°, diagonal FOV 45° to 17.8°
Lens Mount	Integrated	
IR		
IR Range	Up to 100 ft (30 m)	Up to 165 ft (50 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 support	
H.265 Type	Main Profile	
H.265+	Main stream support	
Video Bit Rate	32 Kbps to 16 Mbps	
Audio Compression	No	
Audio Bit Rate	No	
Smart Features		
Human and Vehicle Detection	Line crossing, intrusion, region entrance, region exiting; supports alarm triggering by specified target types (human and vehicle); Filtering 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, audio exception detection	
Face Detection and Capture	Face detection performance: detects up to 30 faces at the same time. Detectable face position: supports left and right swings from -65° to 65°, tilting up and down from -45° to 45°	
Statistics	Counting	
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 (3840 × 2160, 3200 × 1800, 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 five custom streams are supported	
Image Enhancement	BLC, HLC, 3D DNR, Defog, 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 Switching	Day/night/auto/schedule/triggered by alarm in	
Picture Overlay	Logo picture can be overlaid on video with 128 x 128 24 bit bmp format	
Network		
Network Storage	MicroSD/SDHC/SDXC card (256 GB), local storage and NAS (NFS,SMB/CIFS), 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 filtering, basic and digest authentication for HTTP/HTTPS, WSSE, and digest authentication for ONVIF	
General Function	One-key reset, anti-flicker, five streams and five custom streams, heartbeat, password protection, privacy mask, watermark, and IP address filtering	
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	
Communication Interface	One RJ45 10M/100M/1000M Ethernet port	
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), 4CIF resolution	
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 256 GB	
BNC	CVBS analog output (4CIF resolution), internal	
Reset Button	Yes	
Audio		
Environment Noise Filtering	Yes	
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz	
General		
Operating Conditions	-40° F to 140° F (-40° C to 60° C); humidity 95% or less (non-condensing)	
Power Supply	12 VDC ± 20%, two-core terminal block; PoE (802.3at, class 4)	
Power Consumption and Current	12 VDC, 1.3 A, max. 16 W; PoE (802.3at, 42.5 V to 57 V), 0.4 A to 0.3 A, class 4	
Protection Level	IP67, IK10	
Heater	Yes	
Material	Aluminum alloy	
Dimensions	Camera: Φ 5.7" x 13.7" (Φ 144 mm x 347 mm)	
Weight	Camera: 3.20 lbs (1.45 kg)	

HIKVISION

Rev. 071619NA

Accessories

CPM + PC155	WML + PC155	PM1	CM1
Ceiling Pendant Mount + 155 mm Pendant Cap	Wall Mount Long + 155 mm Pendant Cap	Pole Mount	Corner Mount

Dimensions

46[1.81]
6-ø4.5 [0.18]
83.5[3.29]
Ø131.4[5.17]
3-M4
Ø162[6.38]
140.3[5.52]

Unit: mm[inch]

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