

## DS-EGD0288-H/FR 8MP 4 × Network Speed Dome



Hikvision DS-EGD0288-H/FR 8 MP 4 × Network Speed Dome is ideal for use in classrooms, training rooms, lobbies, lecture halls, and factories.

- Supports attendance check with face recognition algorithm
- Attendance check (collaboration): Combined with an education sharing server, the device checks attendance with both panoramic and PTZ channels
- Attendance check (standalone): The device captures and compares faces in both channels, and uploads data. Up to 10 face libraries. 30000 faces for each library. 150000 faces in total
- Supports 120 dB WDR, HLC, 3D DNR, BLC, regional exposure and regional focus
- Efficient H.265 compression technology
- 1 audio input and 1 audio output
- Automatic detection and quick capture of faces in 20 m
- Supports 12 VDC input and PoE+



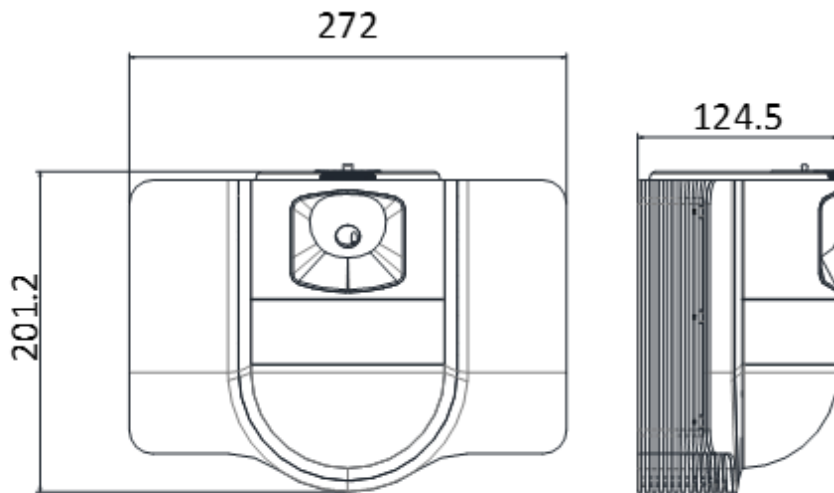
## ▪ Specification

Camera	
Image Sensor	[Panoramic channel] 1/1.8" Progressive Scan CMOS, [PTZ channel] 1/1.8" Progressive Scan CMOS
Max. Resolution	3840 × 2160
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON)
Lens	
Focal Length	[Panoramic channel] 2.8 mm, [PTZ channel] 8 to 32 mm
FOV	[Panoramic channel] horizontal field of view: 103°, vertical field of view: 54° [PTZ channel] horizontal field of view: 41.9° to 15.1°, vertical field of view: 22.9° to 8.5°
Focus	Auto, semi-auto, manual
Aperture	Max. F1.6
Zoom Speed	Approx. 0.7 s
PTZ	
Pan Speed	Pan speed: configurable from 0.1° to 300°/s, preset speed: 100°/s
Tilt Speed	Tilt speed: configurable from 0.1° to 120°/s, preset speed 100°/s
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Park Action	Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan
3D Positioning	Yes
Scheduled Task	Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust
Power-off Memory	Yes
Video	
Main Stream	[Panoramic channel] 50 Hz: 25 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720), 60 Hz: 24 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720), [PTZ channel] 50 Hz: 25 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720), 60 Hz: 24 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	[Panoramic channel] 50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288), 60 Hz: 24 fps (704 × 480, 640 × 480, 352 × 240), [PTZ channel] 50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288), 60 Hz: 24 fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	[Panoramic channel] 50 Hz: 25 fps (1920 × 1080), 60 Hz: 24 fps (1920 × 1080), [PTZ channel] 50 Hz: 25 fps (1920 × 1080), 60 Hz: 24 fps (1920 × 1080)

Video Compression	Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 16 Mbps
<b>Audio</b>	
Audio Compression	G.711, G.722.1, G.726, MP2L2, PCM
<b>Network</b>	
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
Simultaneous Live View	Up to 20 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP
User/Host	Up to 32 users. 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), IP address filter, host authentication (MAC address)
Web Browser	Safari12+, Chrome57+, Firefox52+, IE10 to 11
<b>Image</b>	
Image Settings	Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web browser
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 55 dB
Image Enhancement	BLC, HLC, 3D DNR
Regional Focus	[Panoramic channel] No, [PTZ channel] Yes
Regional Exposure	Yes
<b>Interface</b>	
Ethernet Interface	1 RJ45 10 M/100 M/1000M self-adaptive Ethernet port
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB
Audio	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%, 1 output (line out), line level, output impedance: 600 Ω
<b>Event</b>	
Basic Event	video tampering alarm
Smart Event	audio exception detection
<b>General</b>	
Power	12 VDC, max. 18 W, PoE+, max. 22.5W
Dimension	272 mm × 201.2 mm × 124.5 mm (10.7" × 7.9" × 4.9")
Weight	Approx. 2 kg (4.41 lb.)
Operating Condition	-10 °C to 40 °C (14 °F to 104 °F). Humidity 90% or less (non-condensing)
<b>Approval</b>	
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)
Safety	CB (IEC 62368-1: 2014 + A11), CE-LVD (EN 62368-1: 2014/A11: 2017)
Environment	CE-RoHS (2011/65/EU), WEEE (2012/19/EU), Reach (Regulation (EC) No 1907/2006)
Protection	TVS 2000 V lightning protection, surge protection and voltage transient protection

**▪ Available Model**

iDS-EGD0288-H/FR(C4F0)

**▪ Dimension**

Unit: mm

**▪ Accessory****▪ Optional**

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