

## iDS-EGD0288-H/FR PTZ Camera



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+



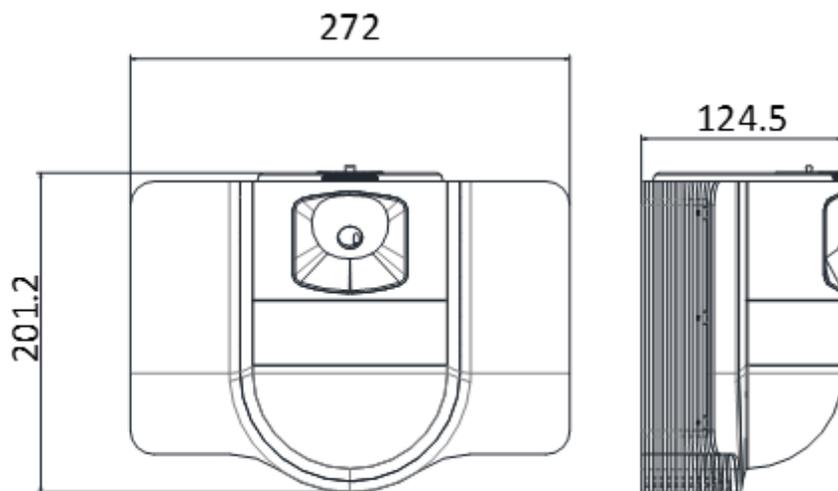
## ▪ Specification

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, SRTP
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**

DS-1692ZJ-SD	DS-1279ZJ
	

Distributed by

**HIKVISION®****Headquarters**

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

**Hikvision Turkey**  
T +90 (216)521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Korea**  
T +82-(0)31-731-8817  
sales.korea@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com