

## DS-2DF8225IH-AEL(W) 2MP 25× IR Network Speed Dome



Hikvision DS-2DF8225IH-AEL(W) 2MP 25× IR Network Speed Dome adopts 1/2.8" progressive scan CMOS chip. With the 25× optical zoom lens, the camera offers more details over expansive areas.

This series of cameras can be widely used for wide ranges of high-definition, such as the rivers, forests, roads, railways, airports, ports, squares, parks, scenic spots, stations and large venues, etc.

### Key Features

- 1/2.8" Progressive Scan CMOS
- Up to 1920 × 1080 resolution
- Ultra-low light:  
Color: 0.002 Lux @(F1.5, AGC ON)  
B/W: 0.0002 Lux @(F1.5, AGC ON)  
0 Lux with IR
- 25× Optical Zoom, 16× Digital Zoom
- WDR, 3D DNR, HLC, BLC
- Up to 200 m IR distance
- 24 VAC & Hi-PoE
- Support H.265+/H.265 video compression



## Specification

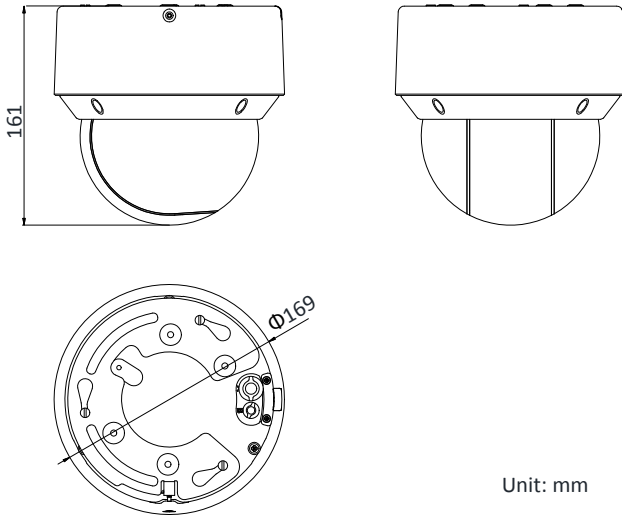
Camera Module	
<b>2MP 25× IR Network Speed Dome</b>	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.002 Lux @(F1.5, AGC ON) B/W: 0.0002Lux @(F1.5, AGC ON) 0 Lux with IR
White Balance	Auto/Manual/ATW (Auto Tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
AGC	Auto/Manual
Shutter Time	1/1 s to 1/30,000 s
Day & Night	IR Cut Filter
Digital Zoom	16×
Privacy Mask	8 programmable privacy masks
Focus Mode	Auto/Semi-automatic/Manual
WDR	Support
Lens	
Focal Length	4.8 mm to 120 mm, 25× Optical
Zoom Speed	Approx. 4 s (optical lens, wide-tele)
FOV	Horizontal field of view: 61.5° to 3.2° (wide-tele) Vertical field of view: <b>TBD</b> Diagonal field of view: <b>TBD</b>
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.5 to F3.5
IR	
IR Distance	Up to 200 m
Smart IR	Support
PTZ	
Movement Range (Pan)	360° endless
Pan Speed	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s
Movement Range (Tilt)	From -10° to 90°
Tilt Speed	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s
Proportional Zoom	Support
Presets	300
Patrol Scan	8 patrols, up to 32 presets for each patrol
Pattern Scan	4 pattern scans, record time over 10 minutes for each scan
Power-off Memory	Support
Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan
PTZ Position Display	ON/OFF
Preset Freezing	Support
Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output
Compression Standard	
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
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Support
H.265 Type	Main Profile
H.265+	Support

Video Bitrate	TBD
Audio compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
Audio Bitrate	TBD
<b>Smart Feature</b>	
Smart Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Audio Exception Detection, Region Entrance Detection, Region Exiting Detection
ROI encoding	Main stream, sub-stream and third stream respectively support two fixed areas.
<b>Image</b>	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement	BLC/ 3D DNR/Regional Exposure/Regional Focus
SVC	Support
<b>Network</b>	
Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NPS, SMB/ CIFS), ANR
Alarm Linkage	Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc.
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour
API	Open-ended, support ONVIF, PSIA and CGI, support HIKVISION SDK and Third-Party Management Platform
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Client	iVMS-4200, iVMS-4500, iVMS-5200
Web Browser	IE 8+, Firefox 30+, Safari 8.0+ web browser
<b>Interface</b>	
Audio	1-ch audio input/1-ch audio output
Network Interface	1 RJ45 10 M/100 M Ethernet Interface, Hi-PoE
Alarm	7-ch alarm input/2-ch alarm output
RS-485	Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive
SDI	1 HD-SDI Output
Fiber Cable	1 1000 M FC interface, TX1310/ RX1550 nm wavelength, 20 km transmission distance
BNC	1.0 V [p-p]/75 Ω, NTSC (or PAL) composite, BNC
<b>Audio</b>	
Environment Noise Filtering	Support
Audio Sampling Rate	Max. 48 kHz
<b>General</b>	
Power	24 VAC (Max. 68 W) Hi-PoE (Max. 50 W)
Working Environment	Working Temperature: Outdoor: -40°C to 65°C (-40°F to 158°F) Working Humidity: ≤ 90%

Protection Level	IP66 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	
Dimensions(mm)	Φ 266.6 mm × 435 mm (Φ 10.50" × 17.13")
Weight	Approx. 8 kg (17.64 lb)

**Order Model**

DS-2DF8225IH-AEL(W) 24 VAC &amp;Hi-PoE

**Dimensions Order Model**

## Accessories



DS-1602ZJ

Wall Mounting Bracket



DS-1602ZJ-corner

Corner Mounting Bracket



DS-1602ZJ-pole

Vertical Pole Mounting Bracket



DS-1602ZJ-box

Wall Mounting Bracket with Junction Box



DS-1663ZJ

Ceiling Mounting Bracket



DS-1661ZJ

Pendant Mounting Bracket



DS-1662ZJ

Pendant Mounting Bracket



DS-1619ZJ

Gooseneck Mounting Bracket

Distributed by



DS-1100KI

Network Keyboard



DS-1005KI

USB Joy-stick

## HIKVISION®

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