

DS-2DF8825IX-AEL(W) (B) 8MP 25× Network IR Speed Dome



Hikvision DS-2DF8825IX-AEL(W) 8MP 25× Network IR Speed Dome adopts 2/3" 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

- 2/3" progressive scan CMOS
- Up to 4096 × 2160 resolution
- Min. Illumination: Color: 0.005 Lux @(F1.5, AGC ON)
 B/W: 0.0005 Lux @(F1.5, AGC ON)
 0 Lux with IR

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- 25× optical zoom, 16× digital zoom
- Digital WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Up to 200 m IR distance
- Support H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- Rapid focus
- IK10 IP67





Specification

	Specification		
Camera Module			
Image Sensor	2/3" progressive scan CMOS		
	Color: 0.005 Lux @(F1.5, AGC ON)		
Min. Illumination	B/W: 0.0005 Lux @(F1.5, AGC ON)		
	0 Lux with IR		
Shutter Time	1/1 s to 1/30,000 s		
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp		
AGC	Auto/Manual		
Day & Night	IR cut filter		
Digital Zoom	16×		
Privacy Mask	24 programmable polygon privacy masks, mask color or mosaic configurable		
Focus Mode	Auto/Semi-automatic/Manual		
3D DNR	Yes		
BLC	Yes		
HLC	Yes		
Digital WDR	Yes		
Optical Defog	Yes		
EIS	Yes		
Regional Exposure	Yes		
Regional Focus	Yes		
Lens	7 Emm to 197 Emm 2Ex Ontion		
Focal Length	7.5 mm to 187.5 mm, 25× Optical		
Zoom Speed	Approx. 6.4 s (optical lens, wide-tele)		
Field of View	Horizontal field of view: 56.1° to 3.0° (wide-tele)		
	Vertical field of view: 33.4° to 1.7° (wide-tele)		
	Diagonal field of view: 62.9° to 3.4° (wide-tele)		
Working Distance	10 mm to 1500 mm (wide-tele)		
Aperture Range	F1.5 to F4.0		
PTZ			
Movement Range (Pan)	360° endless		
Pan Speed	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s		
Movement Range (Tilt)	From -20° to 90°		
Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s		
Proportional Zoom	Yes		
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:	Yes		
Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan		
PTZ Status Display	Yes		
Preset Freezing	Yes		
	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama		
Scheduled Task	Scan/Dome Reboot/Dome Adjust/Aux Output		
Smart Features			
Perimeter Protection	Intrusion, Line Crossing, Region Entrance, Region Exiting Support alarm triggering by specified target types (human and vehicle) Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag		
Event Detection	Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio Exception Detection		
Smart Tracking	Manual Tracking, Auto Tracking (support tracking specified target types such as human and vehicle), Event Tracking		
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA		



ROI	Eight fixed region for each stream		
IR			
IR Distance	200 m		
Smart IR	Yes		
Network			
Max. Resolution	4096 × 2160		
Main Stream	50Hz: 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 2048 × 1536, 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)		
SVC	Yes		
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 with Baseline/Main/High Profile		
Audio compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM		
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, UDP, IGMP, ICMP, Bonjour		
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		
System Integration			
Alarm Interface	7-ch alarm input/2-ch alarm output		
Audio Interface	1-ch audio input, 2 to 2.4 V[p-p], 1 K Ω \pm 10% 1-ch audio output, line level, impedance: 600 Ω		
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.		
Network Interface	1 RJ45 10 M/100 M Ethernet Interface; Hi-PoE		
CVBS	Support		
Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR		
API	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK		
Client	iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect		
Web Browser	IE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+, Safari 11+		
General			
Language (Web Browser Access)	32 languages. English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)		
Power	24 V, 3.0A, 50/60Hz, AC (Max. 60 W, including max. 18 W for IR and max. 6 W for heater) Hi-PoE, 42.5 to 57V, 1.41A (Max. 50 W, including max. 18 W for IR and max. 6 W for heate		
Working Temperature	Outdoor: -40°C to 70°C (-40°F to 158°F)		
Working Humidity	≤ 95%		
Protection Level	IP67 Standard, IK10 (only supported by camera without wiper), 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection		
Dimensions	Φ 266.6 mm × 410 mm (Φ 10.50" × 16.14")		
Weight	Approx. 8 kg (17.64 lb)		



DORI

The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view.

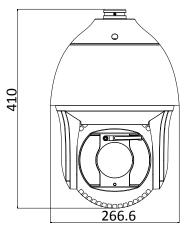
It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

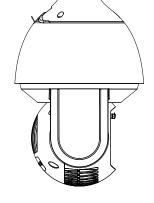
DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
Distance (Tele)	2968 m (9737.5 ft)	1177.8 m (3864.2 ft)	593.6 m (1947.5 ft)	296.8 m (973.8 ft)

Order Model

DS-2DF8825IX-AEL	(B), without wiper, 24 VAC & Hi-PoE
DS-2DF8825IX-AELW	(B), with wiper, 24 VAC & Hi-PoE

Dimensions





Unit: mm



Accessory Included:



Installation Adapter

Optional:



DS-1604ZJ Wall Mount



DS-1660ZJ Parapet Mount



Distributed by

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DS-1663ZJ Ceiling Mount



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DS-1604ZJ-box Wall Mount with Junction Box



DS-1619ZJ Gooseneck Mount

DS-1667ZJ Extendable Pole for Pendant Mount

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DS-1604ZJ-box-pole Vertical Pole Mount with Junction Box



DS-1661ZJ Pendant Mount



DS-1673ZJ Horizontal Pole Mount



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DS-1604ZJ-box-corner Corner Mount with Junction Box



DS-1662ZJ Pendant Mount



DS-1682ZJ Extendable Pole for Pendant Mount



TEAC-66-243000V (EU) MKAC-66-243000U (USA) TEAC-66-243000VB (UK) Power Adapter

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