



DS-2DF8225IX-AEL(W) (B) 2MP 25× Network IR Speed Dome

























Hikvision DS-2DF8225IX-AEL(W) 2MP 25× Network IR Speed Dome adopts 1/1.8" 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

- 1/1.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination
 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
- 120dB WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Up to 200 m IR distance
- Support H.265+/H.265 video compression
- Support rapid focus
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IP67, IK10





Specification

Image Sensor	Camera Module					
Min. Illumination Shutter Time 3/1 s to 1/30,000 s	Image Sensor	1/1.8" progressive scan CMOS				
OLUX with IR 1/1 s to 1/30,000 s		Color: 0.002 Lux @(F1.5, AGC ON)				
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 WDR 120dB Optical Defog Yes EIS Yes Regional Exposure Yes Regional Exposure Yes Regional Exposure Yes Regional Focus Yes Rapid Focus Yes Regional Focus Yes Rapid Focus Yes Horizontal field of view: 35.0° to 1.0° (wide-tele) John to 142.5 mm, 25 x Optical 200 Focal Length 5.7 mm to 142.5 mm, 25 x Optical Zoom Speed Approx. 3.75 (optical lens, wide-tele) Horizontal field of view: 35.0° to 2.8° (wide-tele)	Min. Illumination	B/W: 0.0002 Lux @(F1.5, AGC ON)				
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PTZ Status Display Preset Freezing Yes Scheduled Task Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output Smart Features 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, etc. Event Detection Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio Exception Detection Manual Tracking, Auto Tracking (support tracking specified target types such as human and	Power-off Memory:	7.7				
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Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio Exception Detection Manual Tracking, Auto Tracking (support tracking specified target types such as human and	Perimeter Protection	Intrusion, Line Crossing, Region Entrance, Region Exiting				
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		Support alarm triggering by specified target types (human and vehicle)				
Exception Detection Smart Tracking Manual Tracking, Auto Tracking (support tracking specified target types such as human and		Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc.				
Smart Tracking Manual Tracking, Auto Tracking (support tracking specified target types such as human and	Event Detection	Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio				
	Smart 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	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)				
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 ± 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	Yes				
RS-485	HIKVISION, Pelco-P, Pelco-D, self-adaptive				
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	, , , , , , , , , , , , , , , , , , , ,				
32 languages. English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czec French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norv Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, The Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)					
	24 V, 3.0A, 50/60Hz, AC (Max. 60 W, including max. 18 W for IR and max. 6 W for heater)				
Power	Hi-PoE, 42.5 to 57V,1.41A (Max. 50 W, including max. 18 W for IR and max. 6 W for heater				
Working Temperature	Hi-PoE, 42.5 to 57V,1.41A (Max. 50 W, including max. 18 W for IR and max. 6 W for heater Outdoor: -40°C to 70°C (-40°F to 158°F)				
Working Temperature	Outdoor: -40°C to 70°C (-40°F to 158°F)				



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.

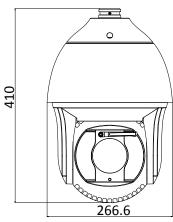
It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

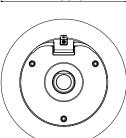
DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
Distance (Tele)	1493.3 m (4899.4 ft)	592.6 m (1944.2 ft)	298.7 m (979.9 ft)	149.3 m (489.9 ft)

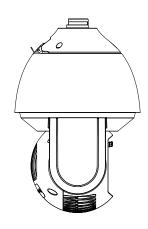
Order Model

DS-2DF8225IX-AEL (B), without wiper, 24 VAC & Hi-PoE DS-2DF8225IX-AELW (B), with wiper, 24 VAC & Hi-PoE

Dimensions







Unit: mm



Accessory Included:



Installation Adapter

Optional:



DS-1604ZJ Wall Mount



DS-1660ZJ Parapet Mount



Ceiling Mount

Distributed by

DS-1663ZJ



DS-1604ZJ-box
Wall Mount with Junction
Box



DS-1619ZJ Gooseneck Mount



DS-1667ZJ
Extendable Pole for Pendant Mount



DS-1604ZJ-box-pole

Vertical Pole Mount with

Junction Box



DS-1661ZJ Pendant Mount



DS-1673ZJ Horizontal Pole Mount



LAS60-57CN-RJ45 Hi-PoE Midspan



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



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