

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



















Hikvision DS-2DF8225IH-AEL(W) 2MP 25× IR Network Speed Dome is a DarkfighterX series camera that adopts the patented dual-sensor design to process color and brightness independently, and outputs one FULL-COLOR image.



Key Features

- Dual-sensor, 1/2.8" Progressive Scan CMOS
- Full-color image output
- Up to 1920 × 1080 resolution
- Min. illumination:

Color: 0.0004 Lux @(F1.5, AGC ON)

B/W: 0.0001 Lux @(F1.5, AGC ON)

0 Lux with IR

- 25× Optical Zoom, 16× Digital Zoom
- Support H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- 120 dB WDR, 3D DNR, HLC, BLC
- Up to 150 m IR distance, smart IR
- 24 VAC &Hi-PoE
- Optical defog
- Wiper, optional





Specification

Camera Module	
Image Sensor	Two 1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.0004 Lux @(F1.5, AGC ON)
	B/W: 0.0001Lux @(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	Controlled by dual-sensor
Digital Zoom	16×
Privacy Mask	24 programmable polygon privacy masks
Focus Mode	Auto/Semi-automatic/Manual
WDR	120 dB
Lens	
Focal Length	4.8 mm to 120 mm, 25× Optical
Zoom Speed	Approx. 4.4 s (optical lens, wide-tele)
	Horizontal field of view: 58.2° to 3.2° (wide-tele)
FOV	Vertical field of view: 32.7° to 1.8° (wide-tele)
	Diagonal field of view: 66.8° to 3.7° (wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.5 to F3.5
IR	
IR Distance	Up to 150 m
Smart IR	Support
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	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	
	Main Stream: H.265+/H.265/H.264+/H.264
Video Compression	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



Video Bitrate 256 kbps to 16384 kbps Audio compression G.711alaw/G.722.1/G.726/MP212/PCM Audio Ditrate 64kbps(G.7111/16Kbps(G.722.1)/16Kbps(G.722.1)76Kbps(MP212) SVC Support Intrusion, Line Crossing, Region Entrance, Region Exiting Perimeter Protection Intrusion, Line Crossing, Region Entrance, Region Exiting Perimeter Protection Face Detection, Audio Exception Detection, Wolton Detection, Video Tampering Detection, Exception (Network Disconnected, IP Address Conflict, HDD Full, HDD Error, Illegal Login) Smart Tacking Event Tracking, supports tracking in multiple detection scenes Smart Record ANR (Automatic Network Replenishment), Dual-VCA ROI Support Image Support Main Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) Sub-Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) Sub-Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 976, 640 × 480, 352 × 240) Third Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 976, 640 × 480, 352 × 240) Image Enhancement HLC, BLC, 3D DNR, Optical Defog, Regional Exposure, Regional Focus SVC Support Network Built-in memory c	H.265+	Support
Audio Bitrate 64kDps(G.711)/16kDps(G.722.1)/16kDps(G.726)/32-160kDps(MP2L2) SVC Support Swart 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, etc. Event Detection Face Detection, Audio Exception Detection, Motion Detection, Video Tampering Detection, Exception (Network Disconnected, IP Address Conflict, HDD Full, HDD Error, Illegal Login) Smart Tracking Event Tracking, supports tracking in multiple detection scenes Smart Record ANR (Automatic Network Replenishment), Dual-VCA Rol Support Main Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) Sub-Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) Sub-Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 976, 640 × 480, 352 × 240) Image Enhancement HICC, BLC, 3D DNR, Optical Defog, Regional Exposure, Regional Focus Voc support Network Sub-stream Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/CPS), ANR Alarm Linkage Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (N	Video Bitrate	256 kbps to 16384 kbps
SVC Support Smart Features Ferimeter Protection Intrusion, Line Crossing, Region Entrance, Region Exiting Perimeter Protection Support alarm triggering by specified target types (human and vehicle) Event Detection Eace Detection, Audio Exception Detection, Motion Detection, Video Tampering Detection, Exception (Network Disconnected, IP Address Conflict, HDD Full, HDD Error, Illegal Login) Smart Tracking Event Tracking, supports tracking in multiple detection scenes Smart Record ANR (Automatic Network Replenishment), Dual-VCA ROI Support Image William Main Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) Sub-Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 240) Image Enhancement HLC, BLC, 3D DNR, Optical Defog, Regional Exposure, Regional Focus Ver Network Network Storage Buill-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/CIPS), ANR Alarm Linkage Buill-i	Audio compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
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BNC 1.0 V [p-p]/75 Ω, NTSC (or PAL) composite, BNC		
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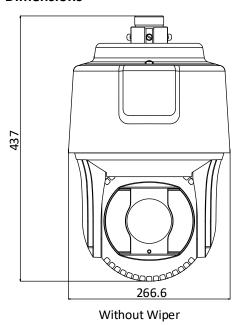


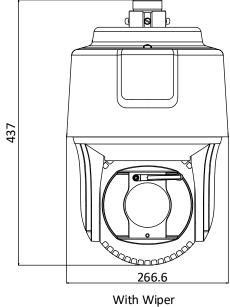
Power	Without wiper: 24 VAC, max. 68 W (max. 12 W for heater, and max. 15 W for IR), Hi-PoE, max. 60 W With wiper: 24 VAC max. 70 W (max. 12 W for heater, and max. 15 W for IR), Hi-PoE, max. 60 W
Working Environment	Temperature: -40 °C to 70 °C (-40 °F to 158 °F) Humidity: $\leq 90\%$
Wiper	Optional
Protection Level	IP66 Standard. Lightning protection, surge protection and voltage transient protection meets IEC61000-4-2-2/3/4/5/6
Material	Aluminum alloy
Dimensions	Φ 266.6 mm × 437 mm (Φ 10.50" × 17.20")
Weight	Approx. 8 kg (17.64 lb)

Order Model

DS-2DF8225IH-AEL (D), without wiper, 24 VAC &Hi-PoE DS-2DF8225IH-AELW (D), with wiper, 24 VAC &Hi-PoE

Dimensions





Unit:mm



Accessories





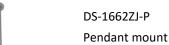


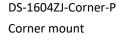












DS-1604ZJ-P

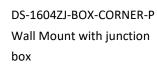
DS-1661ZJ-P **Pendant Mount**

DS-1682ZJ-P

Extendable pole

for Pendant mount

Wall Mount with junction



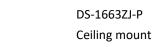












DS-1660ZJ-P **Parapet Mount**

DS-1667ZJ-P Extendable pole for Pendant mount

DS-1604ZJ-Pole-P Vertical pole mount

DS-1604ZJ-BOX-P Wall mount with junction hox

DS-1604ZJ-BOX-POLE-P Vertical Pole Mount with junction box



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