

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









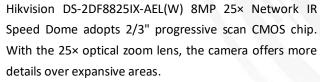












This series of cameras can be widely used for wide ranges of high-definition, such as the rivers, forests, roads, railways, airports, ports, squares, parks, scenic spots, stations and large venues, etc.



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
- 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





Specification

PTZ Status Display 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 Smart Features Intrusion, Line Crossing, Region Entrance, Region Exiting Support alarm triggering by specified target types (human and vehicle)	Camera Module		
Min. Illumination o	Image Sensor	2/3" progressive scan CMOS	
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 16x Privacy Mask 24 programmable polygon privacy masks Focus Mode Auto/Semi-automatic/Manual 3D DNR Support BLC Support HLC Support Digital WDR Support Optical Defog Support EIS Support Regional Exposure Support Regional Focus Support Regional Exposure Support Regional Focus Support Regional Exposure Support Field of View 5.1 ** 10 ** 10 ** 10 ***	Min. Illumination	B/W: 0.0005 Lux @(F1.5, AGC ON)	
Lamp/Sodium Lamp AGC Auto/Manual Day & Night IR cut filter Digital Zoom 16× Privacy Mask 24 programmable polygon privacy masks Focus Mode Auto/Semi-automatic/Manual 3D DNR Support BLC Support BLC Support Digital WDR Optical Defog Support Copital Defog Support Support Support BIS Support Regional Exposure Support Regional Exposure Support Regional Focus Support Lens Focal Length 7.5 mm to 187.5 mm, 25× Optical Zoom Speed Approx. 6.4 s (optical lens, wide-tele) Horizontal field of view: 35.4" to 1.7" (wide-tele) Vertical field of view: 35.4" to 1.7" (wide-tele) Working Distance 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) Tilt Speed Configurable, from 0.1"/s to 150"/s, Preset Speed: 250"/s Proportional Zoom Pattern Scan 4 pattern scans, record time over 10 minutes for each scan Power-off Memory: Support Park Action Pattern Scan Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Preset Freezing Support Preset Freezing Support	Shutter Time	1/1 s to 1/30,000 s	
Day & Night IR cut filter Digital Zoom 16× Privacy Mask 24 programmable polygon privacy masks Focus Mode Auto/Semi-automatic/Manual 3D DNR Support BLC Support HLC Support Optical Defog Support EIS Support Regional Exposure Support Regional Focus Support Porture Regional Focus Approx. 6.4 s (optical lens, wide-tele) Vertical field of view: 53.7 to 3.0" (wide-tele) Vorking Distance Approx. 6.4 s (optical lens, wide-tele) Working Distance 1.0 mm to 15.00 mm (wide-tele) Vorking Distance 1.0 mm to 15.00 mm (wide-tele)	White Balance		
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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 Status Display Support 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 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, etc.	Movement Range (Pan)	360° endless	
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 Status Display Support 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 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, etc.	Pan Speed	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/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 Status Display Support 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 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, etc.	Movement Range (Tilt)	From -20° to 90°	
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 Status Display Support 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 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, etc.	Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	
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 Status Display Support 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 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, etc.	Proportional Zoom	Support	
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 Status Display Support 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 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, etc.	Presets	300	
Power-off Memory: Park Action Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan PTZ Status Display Support Support 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 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.	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 PTZ Status Display Support Support 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 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.	Pattern Scan	4 pattern scans, record time over 10 minutes for each scan	
PTZ Status Display Preset Freezing Support Scheduled Task Scan/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama 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, etc.	Power-off Memory:	Support	
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 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, etc.	Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan	
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 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.	PTZ Status Display	Support	
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.	Preset Freezing	Support	
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.	Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output	
Perimeter Protection 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.	Smart Features		
Event Detection Face Detection, Audio Exception Detection	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	



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	Support
IR	
IR Distance	200 m
Smart IR	Support
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)
ROI	Support
SVC	Support
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, 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 (applicable microphone, plug-in power type), 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	Support
Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/CIPS), ANR
API	Open-ended, support ONVIF, and CGI, support HIKVISION SDK and Third-Party Management Platform
Client	iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect
Web Browser	IE 8 to 11, Chrome 31.0 to 44, Firefox 30.0 to 51
General	
Power	24 VAC (Max. 60 W) Hi-PoE (Max. 50 W)
Working Temperature	Outdoor: -40°C to 70°C (-40°F to 158°F)
Working Humidity	≤ 90%
Protection Level	IP67 Standard, IK10 (only supported by camera without wiper), TVS 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection
Dimensions	Φ 266.6 mm × 410 mm (Φ 10.50" × 16.14")



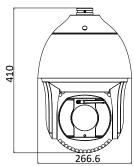
Weight

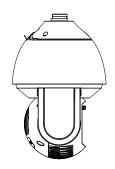
Approx. 8 kg (17.64 lb)

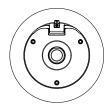
Order Model

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

Dimensions







Unit: mm



Accessories DS-1604ZJ Wall Mounting Bracket DS-1604ZJ-box Wall Mounting Bracket with Junction Box DS-1604ZJ-box-pole Vertical Pole Mounting Bracket with Junction Box Wall Mounting Bracket with Junction Box DS-1604ZJ-box-corner DS-1660ZJ Parapet Wall Mounting Bracket DS-1619ZJ Gooseneck Mounting Bracket DS-1661ZJ **Pendant Mounting Bracket** DS-1662ZJ **Pendant Mounting Bracket** DS-1663ZJ Ceiling Mounting Bracket DS-1667ZJ Extendable Pole for Pendant Mounting Bracket Horizontal Pole Mounting Bracket DS-1673ZJ



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