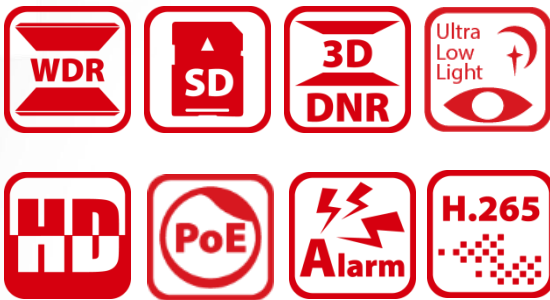


**DS-2DF8225IX-AEL(W)  
2MP 25× Network IR Speed Dome**

**DARKFIGHTER** 

104-656



Hikvision DS-2DF8225IX-AEL(W) 2MP 25× Network IR Speed Dome adopts 1/1.9" 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**

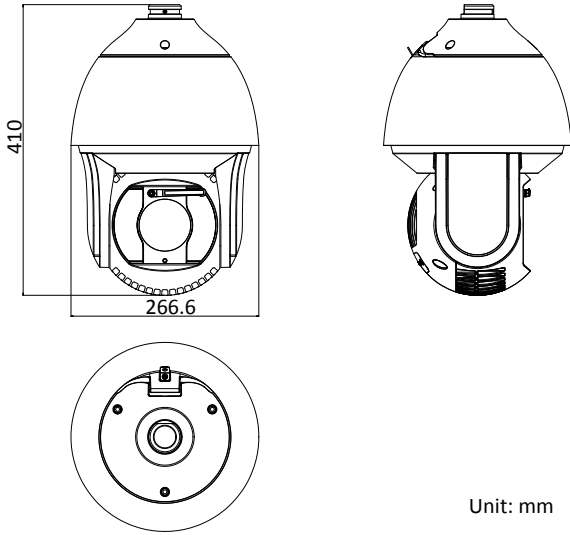
- 1/1.9" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination  
Color: 0.002 Lux @(F1.5, AGC ON)  
B/W: 0.0002 Lux @(F1.5, AGC ON)  
0 Lux with IR
- 25× optical zoom, 16× digital zoom
- 120dB WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Up to 200 m IR distance
- Support H.265+/H.265 video compression
- Support rapid focus

## Specification

| <b>Camera Module</b>   |   |
|--|---|
| <b>DS-2DF8225IX-AEL(W)<br/>2MP 25× Network IR Speed Dome</b> |   |
| Image Sensor   | 1/1.9" progressive scan CMOS  |
| Min. Illumination  | Color: 0.002 Lux @(F1.5, AGC ON)<br>B/W: 0.0002 Lux @(F1.5, AGC ON)<br>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 privacy masks   |
| Focus Mode   | Auto/Semi-automatic/Manual  |
| 3D DNR   | Support   |
| BLC  | Support   |
| HLC  | Support   |
| WDR  | 120dB   |
| Optical Defog  | Support   |
| EIS  | Support   |
| Regional Exposure  | Support   |
| Regional Focus   | Support   |
| Rapid Focus  | Support   |
| <b>Lens</b>  |   |
| Focal Length   | 5.7 mm to 142.5 mm, 25× Optical   |
| Zoom Speed   | Approx. 3.7 s (optical lens, wide-tele)   |
| Field of View  | Horizontal field of view: 59.8° to 2.8° (wide-tele)<br>Vertical field of view: 33.6° to 1.6° (wide-tele)<br>Diagonal field of view: 68.6° to 3.2° (wide-tele) |
| Working Distance   | 10 mm to 1500 mm (wide-tele)  |
| Aperture Range   | F1.5 to F3.4  |
| <b>PTZ</b>   |   |
| 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 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                                   |
| <b>Smart Features</b>  |   |
| Smart Detection  | Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Face Detection, Audio Exception Detection                  |

|                           |  |
|---------------------------|--|
| Smart Tracking            | Manual Tracking, Auto Tracking, Event Tracking   |
| Smart Record              | ANR (Automatic Network Replenishment), Dual-VCA  |
| <b>IR</b>                 |  |
| IR Distance               | 200 m  |
| Smart IR                  | Support  |
| <b>Network</b>            |  |
| Max. Resolution           | 1920 × 1080  |
| Main Stream               | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)<br>50fps (1920 × 1080, 1280 × 960, 1280 × 720)<br>60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)<br>60fps (1920 × 1080, 1280 × 960, 1280 × 720) |
| Sub-Stream                | 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288)<br>60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)   |
| Third Stream              | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288)<br>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<br>Sub-Stream: H.265/H.264/MJPEG<br>Third Stream: H.265/H.264/MJPEG<br>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, RTP, TCP/IP, DHCP, PPPoE, Bonjour  |
| Simultaneous Live View    | Up to 20 channels  |
| User/Host                 | Up to 32 users<br>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  |
| <b>System Integration</b> |  |
| Alarm Input/Output        | 7-ch alarm input and 2-ch alarm output   |
| 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.                   |
| Audio Input/Output        | 1-ch audio input and 1-ch audio output   |
| Network Interface         | 1 RJ45 10 M/100 M Ethernet Interface; Hi-PoE   |
| CVBS                      | Support  |
| 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 (NPS, SMB/CIFS), 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               | IE7+, Chrome18-42, Firefox5.0+, Safari5.02+  |
| <b>General</b>            |  |
| Power                     | 24 VAC (Max. 60 W)<br>Hi-PoE (Max. 50 W)   |
| Working Temperature       | Outdoor: -40°C to 65°C (-40°F to 149°F)  |
| Working Humidity          | ≤ 90%  |
| Protection Level          | IP66 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 (Φ10.50" × 16.14")   |
| Weight                    | Approx. 8 kg (17.64 lb)  |

Dimensions

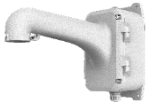


## Accessories



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



DS-1604ZJ-box-corner

Wall Mounting Bracket with Junction Box



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



DS-1673ZJ

Horizontal Pole Mounting Bracket



DS-1682ZJ

Extendable Pole for Pendant Mounting Bracket

## ORDERING INFORMATION

104-656

Hikvision DS-2DF8225IX-AEL PTZ Darkfighter 2MP 25X



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