

DS-2DF6225X-AEL
2MP 25× Network Speed Dome

DARKFIGHTER 

104-067



Hikvision DS-2DF6225X-AEL 2MP 25× Network 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

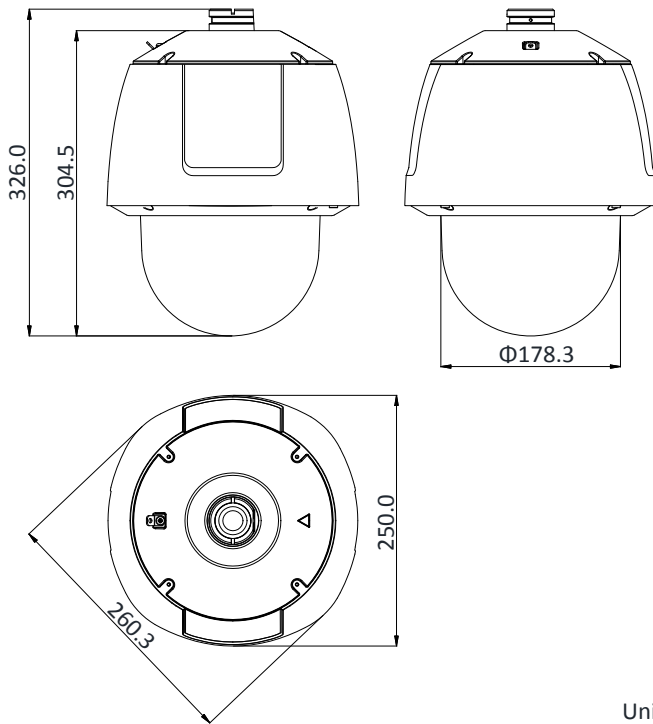
- 1/1.9" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination:
 Color: 0.002 Lux @(F1.5, AGC ON)
 B/W: 0.0002 Lux @(F1.5, AGC ON)
- 25× optical zoom, 16× digital zoom
- 120dB WDR, 3D DNR, HLC, Optical Defog
- 24 VAC & Hi-PoE
- Support H.265+/H.265 video compression

Specification

| Camera Module | |
|---|---|
| DS-2DF6225X-AEL 2MP 25× Network Speed Dome | |
| Image Sensor | 1/1.9" progressive scan CMOS |
| Min. Illumination | Color: 0.002 Lux @(F1.5, AGC ON) B/W: 0.0002 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 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 |
| Lens | |
| 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) Vertical field of view: 33.6° to 1.6° (wide-tele) 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 |
| PTZ | |
| Movement Range (Pan) | 360° endless |
| Pan Speed | Configurable, from 0.1°/s to 300°/s, Preset Speed: 540°/s |
| Movement Range (Tilt) | From -15° to 90° |
| Tilt Speed | Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/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 | |
| 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 |

| 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) |
| 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, 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 Input | 7-ch alarm input |
| Alarm Output | 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 | 1-ch audio input |
| Audio Output | 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 (NFS, 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+ |
| General | |
| Power | 24 VAC (Max. 60 W) Hi-PoE (Max. 50 W) |
| Working Temperature | Outdoor: -40°C to 65°C (-40°F to 149°F) |
| Working Humidity | ≤ 90% |
| Protection Level | IP67 Standard, K10 (only supported by camera without wiper), TVS 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection |
| Dimensions | Φ 260.3 mm × 326 mm (Φ 10.25" × 12.8") |
| Weight | Approx. 6 kg (13.23 lb) |

Dimensions



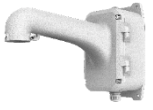
Unit: mm

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



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

104-067

Hikvision DS-2DF6225X-AEL PTZ 2MP 25x Darkfighter



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