

DS-2DF8250I5X-AELW

2 MP Outdoor 50x Network IR Speed Dome



- **1/2.8" Progressive Scan CMOS**
- **Up to 1920 x 1080 Resolution**
- **Minimum Illumination:**
 - Color: 0.05 Lux @ (f/1.8, AGC on)
 - B/W: 0.01 Lux @ (f/1.8, AGC on)
 - 0 Lux with IR
- **Up to 1,640 ft (500 m) IR Distance**
- **H.265+/H.265 Video Compression**
- **50x Optical Zoom, 16x Digital Zoom**
- **Optical Image Stabilization**
- **Smart Detection: Line Crossing, Intrusion, Region Enter/Exit**
- **Rapid Focus**
- **120 dB WDR, 3D DNR, HLC, BLC**
- **IP66**
- **24 VAC/Hi-PoE, 60 W**

Hikvision DS-2DF8250I5X-AELW Network IR Speed Dome Cameras produce images with a resolution of up to 1920 x 1080 pixels.

The embedded 1/2.8" progressive scan CMOS chip supports 120 dB WDR, and the 25x optical zoom allows for greater detail to be collected over more expansive areas. The camera and lens are precision controlled using a gyroscopic sensor to improve image performance at high zoom.

The Network IR Speed Dome Camera also features a wide range of smart functions, including intrusion detection, line crossing detection, and audio exception, which allows for key events and objects to be recorded for further forensic needs.

Available models:

DS-2DF8250I5X-AELW

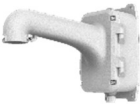








Specifications

| DS-2DF8250I5X-AELW | |
|-----------------------------|---|
| Camera Module | |
| Image Sensor | 1/2.8" progressive scan CMOS |
| Minimum Illumination | Color: 0.05 lux @ (f/1.6, AGC on); B/W: 0.01 lux @ (f/1.6, AGC on); 0 lux with IR |
| Shutter Time | 1/1 to 1/30,000 s |
| White Balance | Auto/manual/ATW (auto-tracking white balance)/indoor/outdoor/fluorescent lamp/sodium lamp |
| AGC | Auto/manual |
| Day and Night | IR cut filter |
| Digital Zoom | 16× |
| Privacy Mask | 24 programmable privacy masks |
| Focus Mode | Auto/semi-automatic/manual |
| Optical Image Stabilization | Supported |
| WDR | 120 dB |
| Rapid Focus | Supported |
| Lens | |
| Focal Length | 6.6 mm to 330 mm, 50× optical |
| Zoom Speed | Approximately 4.5 s (optical lens, wide to tele) |
| Angle of View | Horizontal field of view: 41.3° to 1.1° (wide to tele); vertical field of view: 23.6° to 0.6° (wide to tele); diagonal field of view: 47.4° to 1.3° (wide to tele) |
| Minimum Working Distance | 10 mm to 1,500 mm (wide to tele) |
| Aperture Range | f/1.8 to f/5.5 |
| IR | |
| IR Distance | Up to 1,640 ft (500 m) |
| PTZ | |
| Movement Range (Pan) | 360° endless |
| Pan Speed | Configurable, from 0.1°/s to 160°/s, preset speed: 240°/s |
| Movement Range (Tilt) | From -20° to 90° |
| Tilt Speed | Configurable, from 0.1°/s to 120°/s, preset speed: 200°/s |
| Proportional Zoom | Supported |
| 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: | Supported |
| Park Action | Preset/pattern scan/patrol scan/auto scan/tilt scan/random scan/frame scan/panorama scan |
| PTZ Status Display | Supported |
| Preset Freezing | Supported |
| 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 | |
| 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 Type | Baseline profile/main profile/high profile |
| H.264+ | Supported |
| H.265 Type | Main profile |
| H.265+ | Supported |
| Video Bitrate | 32 kbps to 16,384 kbps |
| Audio Compression | G.711 alaw/G.711 ulaw/G.722.1/G.726/MP2L2/PCM |
| Audio Bitrate | 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2) |
| Smart Features | |
| Smart Detection | Intrusion detection, line crossing detection, region entrance detection, region exiting detection, audio exception detection |
| Smart Tracking | Manual tracking, auto tracking, event tracking |
| Smart Record | ANR (Automatic Network Replenishment), dual-VCA |
| Image | |
| Maximum Resolution | 1920 × 1080 |
| Main Stream | 60 fps (1920 × 1080, 1280 × 960, 1280 × 720) |
| Sub-Stream | 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240) |
| Third Stream | 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) |
| Image Enhancement | HLC/BLC/3D DNR/Defog/Optical Image Stabilization/Regional Exposure/Regional Focus/Optical Defog |
| SVC | Supported |
| Network | |
| Network Storage | Built-in memory card slot, support microSD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/CIFS), ANR |
| 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 e-mail, etc. |
| Protocols | IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, Bonjour |
| API | Open-ended, support ONVIF, PSIA, and CGI, supports HIKVISION SDK and third-party management platforms |
| 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 |
| Client | iVMS-4200, iVMS-4500, Hik-Connect |
| Web Browser | IE 7+, Chrome 18-42, Firefox 5.0+, Safari 5.02+ |
| Interface | |
| Audio | 1-ch audio input/1-ch audio output |
| Network Interface | 1 RJ-45 10 M/100 M Ethernet Interface, Hi-PoE |
| Alarm | 7-ch alarm input/2-ch alarm output |
| RS-485 | Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive |
| BNC | 1.0 V (p-p)/75 Ω, NTSC (or PAL) composite, BNC |
| General | |
| Power | 24 VAC (maximum 60 W); Hi-PoE (maximum 50 W) |
| Working Temperature | -40° to 149° F (-40° to 65° C); humidity: ≤90% non-condensing |
| Protection Level | IP66 standard, TVS 6,000V lightning protection, surge protection, and voltage transient protection |
| Material | Aluminum alloy |
| Dimensions | Φ10.50" × 16.14" (Φ266.6 mm × 410 mm) |
| Weight | Approximately 17.64 lb (8 kg) |

Accessories

NOT INCLUDED

| | | | | | | |
|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |
| JBPW-L Power Box Mount w/Wall Bracket | CMP-JB Corner Mount for JBPW-L | PMP-JB Pole Mount for JBPW-L | CPM-S Short Ceiling Pendant Mount | CPM-L Long Ceiling Pendant Mount | CPMPE Ceiling Pendant Mount Extension Pipe | RPM Roof Parapet Mount |

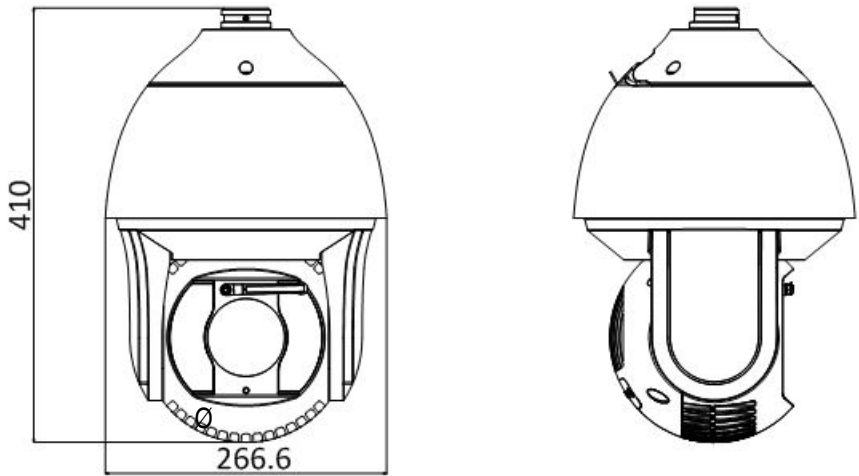
INCLUDED



(actual product
appearance may vary)

G1.5 Adapter
Converts Hikvision
Quick Release To
G 1.5" Thread

Dimensions



Unit: mm