

DS-2DF6225X-AEL

2 MP Outdoor 25x Network Speed Dome

DarkFighter™



- **1/1.9" Progressive Scan CMOS**
- **Up to 1920 x 1080 Resolution**
- **Minimum Illumination:**
Color: 0.002 Lux @ (f/1.5, AGC on)
B/W: 0.0002 Lux @ (f/1.5, AGC on)
- **H.265+/H.265 Video Compression**
- **25x Optical Zoom, 16x Digital Zoom**
- **Optical Image Stabilization**
- **Improved Smart Tracking**
- **Smart Detection: Line Cross, Intrusion, Region Enter/Exit**
- **Rapid Focus**
- **120 dB WDR, 3D DNR, HLC, Optical Defog**
- **IP67 and IK10 Protection**
- **24 VAC/Hi-PoE, 60 W**

Hikvision DS-2DF6225X-AEL Network Speed Dome Cameras produce images with a resolution of up to 1920 x 1080 pixels.

The embedded 1/1.9" 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 Network 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.

The camera features Rapid Focus that allows the camera to be programmed to maintain focus while the lens is zoomed, eliminating auto-focus hunting, to produce clear images at all times.

Smart tracking included in this model enables the camera to detect moving objects by following them within the camera's area of coverage.

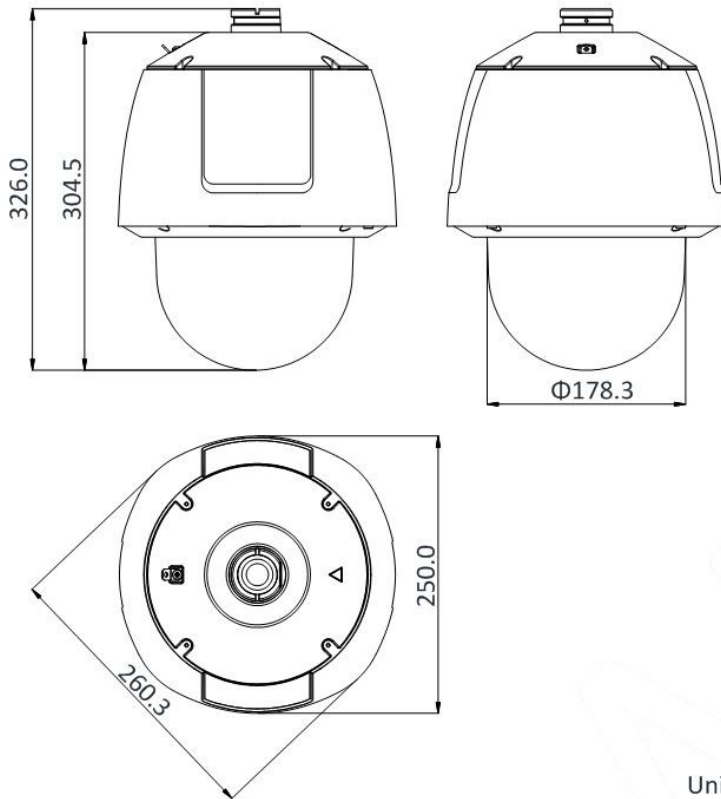
Available models:
DS-2DF6225X-AEL



Specifications

DS-2DF6225X-AEL	
Camera Module	
Image Sensor	1/1.9" progressive scan CMOS
Minimum Illumination	Color: 0.002 lux @ (f/1.5, AGC on); B/W: 0.0002 lux @ (f/1.5, AGC on)
Shutter Speed	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/Night	IR cut filter
Digital Zoom	16x
Privacy Mask	24 programmable privacy masks
Focus Mode	Auto/semi-automatic/manual
Rapid Focus	Supported
3D DNR	Supported
BLC	Supported
HLC	Supported
WDR	120 dB
Defog	Supported
EIS	Supported
Regional Exposure	Supported
Regional Focus	Supported
Lens	
Focal Length	5.7 mm to 142.5 mm, 25x Optical
Zoom Speed	Approximately 3.7 s (optical lens, wide-tele)
Angle 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)
Minimum Working Distance	10 mm to 1,500 mm (wide-tele)
Aperture Range	f/1.5 to f/3.4
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	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
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
Network	
Maximum Resolution	1920 × 1080
Main Stream	30 fps (1920 × 1080, 1280 × 960, 1280 × 720), 60 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	30 fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
ROI	Supported
SVC	Supported
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.711 alaw/G.711 ulaw/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 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 e-mail, etc.
Audio Input	1-ch audio input
Audio Output	1-ch audio output
Network Interface	1 RJ-45 10 M/100 M Ethernet interface; Hi-PoE
CVBS	Supported
RS-485	HIKVISION, Pelco-P, Pelco-D, self-adaptive
Storage	Built-in memory card slot, supports microSD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR
API	Open-ended, supports ONVIF, CGI, HIKVISION SDK, and third-party management platforms
Client	iVMS-4200, iVMS-4500, Hik-Connect
Web Browser	IE 7+, Chrome 18–42, Firefox 5.0+, Safari 5.02+
General	
Power	24 VAC (maximum 60 W); Hi-PoE (maximum 50 W)
Working Temperature	-40° to 149° F (-40° to 65° C)
Working Humidity	≤90%
Protection Level	IP67 and IK10, TVS 6,000V lightning protection, surge protection, and voltage transient protection
Dimensions	Ø10.25" × 12.8" (Ø260.3 mm × 326 mm)
Weight	Approximately 13.23 lb (6 kg)

Dimensions



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 CPM Extension Pipe	RPM Roof Parapet Mount

INCLUDED
(actual product appearance may vary)
G1.5 Adapter Converts Hikvision Quick Release To G 1.5" Thread

Box Contents (Subject to Change without Notice)

BNC Connector
 Mounting Posts
 PoE Injector
 Power Cord
 Power Filter
 Power Pigtail with Screw Terminals

Quick Start Guide
 Quick Release to G1.5" Adapter
 Teflon Tape
 Steel Washer
 Watertight Cable Connector
 Wrench x 2