

DS-2DF7225IX-AEL/T3 2MP 25× Network IR Speed Dome

DarkFighter



Hikvision DS-2DF7225IX-AEL/T3 2MP 25 × Network IR Speed Dome adopts 1/2.8" 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

- 1/2.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. Illumination:
Color: 0.002 Lux @(F1.2, AGC ON)
B/W: 0.0002 Lux @(F1.2, 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 150 m IR distance
- Support H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- Rapid focus
- IP66



Specifications

Camera Module	
Image Sensor	1/2.8" progressive scan CMOS
Focus	semi-auto, manual, auto
Day & Night	ICR
BLC	yes
WDR	120dB WDR
HLC	yes
3D DNR	yes
EIS	yes
Regional Exposure	yes
Regional Focus	yes
White Balance	auto, ATW, sodium lamp, fluorescent lamp, indoor, outdoor
Digital Zoom	16 ×
Privacy Mask	up to 24 masks
Optical Defog	yes
Lens	
Focal Length	4.8 mm to 120 mm, 25 × Optical
Zoom Speed	approx. 4.8 s
FOV	Horizontal field of view: 58.4° to 2.7° (wide-tele) Vertical field of view: 33.8° to 1.5° (wide-tele) Diagonal field of view: 65.6° to 3.1° (wide-tele)
Aperture	F1.2
PTZ	
Movement Range (Pan)	360°
Movement Range (Tilt)	-15° to 90°(auto flip)
Pan Speed	pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s
Tilt Speed	tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s
Proportional Zoom	yes
Presets	300
Patrol Scan	8 patrols
Pattern Scan	4 pattern scans
Power-off Memory	yes
Park Action	preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan
3D Positioning	yes
PTZ Status Display	yes

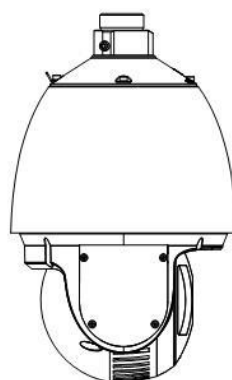
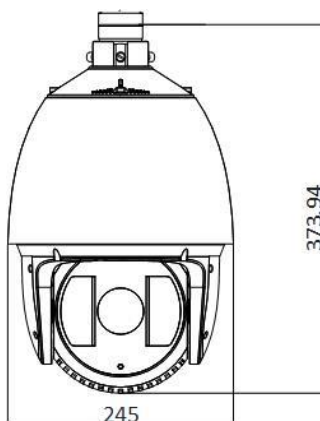
Preset Freezing	yes
Scheduled Task	preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output
Video	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60 fps (1920 × 1080, 1280 × 960, 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)
Video Compression	H.265, H.264, MJPEG
SVC	yes
ROI	yes
Audio	
Audio Compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM
Smart Features	
Basic Event	audio exception, motion detection, alarm input and output
Smart Event	face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Smart Tracking	manual tracking, event tracking, auto-tracking
Smart Record	ANR, Dual-VCA
Alarm Linkage	preset, patrol scan, pattern scan, memory card video recording, sending email, notify surveillance center, upload to FTP, NAS video recording
Network	
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, UDP, IGMP, ICMP, Bonjour
API	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK
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
Interface	
Communication Interface	RJ45, self-adaptive 10M/100M Ethernet port
On-board Storage	up to 256 GB
Alarm Input	7 alarm inputs
Alarm Output	2 alarm output

Audio Input	1 audio input, 2.0 to 2.4Vp-p, 1k Ohm±10%
Audio Output	1 audio output, line level, impedance: 600 Ω
Video Output	1.0V[p-p]/75Ω, PAL, NTSC
RS-485	Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive
Supplement Light	
IR Distance	150 m
Smart IR	yes
General	
Dimensions	Φ 245 mm × 373.94 mm (Φ 9.65" × 14.72")
Weight	Approx. 6 kg (13.23 lb)
Power	24 V, 3.0 A, 50/60Hz, AC (Max. 60 W), Hi-PoE, 42.5 to 57 V, 1.41 A (Max. 50 W)
Working Temperature	Outdoor model: -40°C to 70°C (-40°F to 158°F)
Working Humidity	≤ 95%
Web Client Language	32 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)
Approval	
Protection	IP66

Available Model

DS-2DF7225IX-AEL/T3

Dimensions



Unit: mm

Accessory

Included:

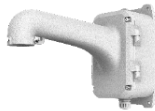


Installation Adapter

Optional:



DS-1604ZJ
Wall Mount



DS-1604ZJ-box
Wall Mount with Junction
Box



DS-1604ZJ-box-pole
Vertical Pole Mount with
Junction Box



DS-1604ZJ-box-corner
Corner Mount with
Junction Box



DS-1660ZJ
Parapet Mount



DS-1619ZJ
Gooseneck Mount



DS-1661ZJ
Pendant Mount



DS-1662ZJ
Pendant Mount



DS-1663ZJ
Ceiling Mount



DS-1667ZJ
Extendable Pole for
Pendant Mount



DS-1673ZJ
Horizontal Pole Mount



DS-1682ZJ
Extendable Pole for
Pendant Mount



LAS60-57CN-RJ45
Hi-PoE midspan



TEAC-66-243000V (EU)
MKAC-66-243000U (USA)
TEAC-66-243000VB (UK)
Power adapter



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