

DS-2DF5225X-AEL (T3) 2 MP 25 × Network Speed Dome





Hikvision DS-2DF5225X-AEL 2 MP 25 × Network 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.

- 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)
- 25 × optical zoom, 16 × digital zoom
- 120dB WDR, 3D DNR, HLC
- 24 VAC & Hi-PoE
- Support H.265+/H.265 video compression
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection

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- Support face capture to detect, track, capture, grade, and select face in motion
- Support road traffic to detect vehicles, including license plate number, vehicle model, and vehicle color
- IK 10, IP 66





Specifications

Camera Module				
Image Sensor	1/2.8" progressive scan CMOS			
Min. Illumination	Color: 0.002 Lux @(F1.2, AGC ON); B/W: 0.0002 Lux @(F1.2, AGC ON)			
Shutter Time	1 to 1/30,000 s			
White Balance	Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp			
Day & Night	IR Cut Filter			
Digital Zoom	16 ×			
Privacy Mask	Up to 24 masks, polygon region, mosaic mask, mask color configurable			
Focus Mode	Auto/Semi-automatic/Manual			
3D DNR	Yes			
BLC	Yes			
HLC	Yes			
WDR	120 dB WDR			
Defog	Yes			
EIS	Yes			
Regional Exposure	Yes			
Regional Focus	Yes			
Lens				
Focal Length	4.8 to 120 mm, 25 × optical zoom			
Zoom Speed	Approx. 4.8 s (optical lens, wide-tele)			
Field of View	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			
РТZ				
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° (auto flip)			
Tilt Speed	Configurable, from 0.1°/s to 240°/s. Preset speed: 400°/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			



Smart Features				
Face Capture	Support detecting up to 30 faces at the same time. Support detecting, tracking, capturing, grading, selecting of face in motion, and output the best face picture of the face.			
Road Traffic	Support vehicle detection (license plate number, vehicle model, and vehicle color recognition)			
Basic Event	Audio exception detection, motion detection, alarm input and output			
Smart Event	Intrusion, line crossing, region entrance, region exiting, unattended baggage detection, object removal detection			
Smart Tracking	Manual tracking, auto tracking (support tracking specified target types such as human and vehicle), event tracking			
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA			
ROI	Yes			
Network				
Max. Resolution	1920 × 1080			
Main Stream	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 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)			
SVC	Yes			
Video Compression	H.265/H.264/MJPEG			
Н.264 Туре	baseline profile, main profile, high profile			
Н.265 Туре	main profile			
H.264+	Yes			
H.265+	Yes			
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, RTCP, RTP, TCP/IP, DHCP, PPPoE, UDP, IGMP, ICMP, Bonjour			
Simultaneous Live View	Up to 20 channels			
User/Host	Up to 32 users. 3 user 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 Interface	7-ch alarm input/2-ch alarm output			
Audio Interface	1-ch audio input, 2.0 to 2.4 V[p-p], $1k\Omega \pm 10\%$ 1-ch audio output , line level, impedance: 600Ω			
Alarm Linkage	Preset, patrol scan, pattern scan, memory card video recording, sending email, notify surveillance center, upload to FTP, NAS video recording			
Network Interface	RJ45, self-adaptive 10 M/100 M Ethernet Interface			
BNC	1.0V [p-p]/75 Ω, NTSC (or PAL) composite			
RS-485	Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive			
	Built-in memory card slot, support Micro SD/Micro SDHC/Micro SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR			
Storage	NAS (NFS, SMB/ CIFS), ANR			
Storage API				
	NAS (NFS, SMB/ CIFS), ANR			



General

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)			
Power	24 V, 3.0 A, 50/60Hz, AC (max. 60 W, including max. 40 W for heater), Hi-PoE, 42.5-57 V,1.41 A (max. 50 W, including max. 20 W for heater)			
Working Temperature	-40°C to 70°C (-40°F to 158°F)			
Working Humidity	≤95%			
Protection Level	IP66 Standard, IK10			
Dimensions	Φ 220 mm × 302 mm (Φ 8.66" × 11.89")			
Weight	Approx. 4 kg (8.82 lb)			

DORI

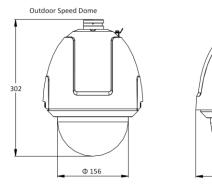
The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view. It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
Distance (Tele)	1598.6 m (5244.8 ft)	634.4 m (2081.4 ft)	319.7 m (1048.9 ft)	159.9 m (524.6 ft)

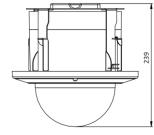
Available Model

DS-2DF5225X-AEL (T3)

Dimensions

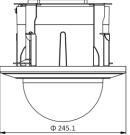


Indoor Speed Dome





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Unit: mm



Accessory

Included



DS-1681ZJ Installation Adapter (for outdoor model)

Optional



DS-1604ZJ Wall Mount



DS-1660ZJ Parapet Mount



DS-1663ZJ Ceiling Mount



LAS60-57CN-RJ45 Hi-PoE Midspan



DS-1604ZJ-box Wall Mount with Junction Box



DS-1619ZJ Gooseneck Mount

DS-1667ZJ

Extendable Pole for Pendant

Mount

TEAC-66-243000V (EU)

MKAC-66-243000U (USA)

TEAC-66-243000VB (UK)

Power adapter

(for outdoor model)





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



DS-1661ZJ Pendant Mount



DS-1673ZJ Horizontal Pole Mount



HKA-A24220-230 (EU) HKKD-12077 (USA) HKA-A24250-230-BS (UK) PSE-A1525/5060 (JP) Power adapter (for indoor model)



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



DS-1662ZJ Pendant Mount



DS-1682ZJ Extendable Pole for Pendant Mount



Distributed by

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