## **DUNLOP**

DARKFIGHTE

## DP-22DF8236IX-AEL 2MP 36× Network IR Speed Dome



Hikvision DS-2DF8236IX-AEL(W) 2MP 36× Network IR Speed Dome adopts 1/1.9" progressive scan CMOS chip. With the 36× 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)
  0 Lux with IR
- 36× optical zoom, 16× digital zoom
- 120dB WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Up to 200 m IR distance
- Support H.265+/H.265 video compression
- Support rapid focus



Specification		
Camera Module	DP-22DF8236IX-AEL 2MP 36× Network IR 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) 0 Lux with IR	
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	
Rapid Focus	Support	
Lens		
Focal Length	5.7 mm to 205.2 mm, 36× Optical	
Zoom Speed	Approx.4.4 s (optical lens, wide-tele)	
Field of View	Horizontal field of view: 59.8° to 2.0° (wide-tele) Vertical field of view: 33.6° to 1.1° (wide-tele) Diagonal field of view: 68.6° to 2.3° (wide-tele)	
Working Distance	10 mm to 1500 mm (wide-tele)	
Aperture Range	F1.5 to F4.5	
PTZ		
Movement Range (Pan)	360° endless	
Pan Speed	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	
Movement Range (Tilt)	From -20° to 90°	
Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/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/Pano Scan	
PTZ Status Display	Support	
Preset Freezing	Support	
Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panc Scan/Dome Reboot/Dome Adjust/Aux Output	
Smart Features		
Smart Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exitin Detection, Face Detection, Audio Exception Detection	



Smart Tracking	Manual Tracking, Auto Tracking, Event Tracking	
Smart Record	ANR (Automatic Network Replenishment), Dual-VCA	
IR		
IR Distance	200 m	
Smart IR	Support	
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, 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/Output	7-ch alarm input and 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/Output	1-ch audio input and 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 (NPS, SMB/ CIPS), ANR	
ΑΡΙ	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	IP66 Standard, IK10 (only supported by camera without wiper), TVS 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection	
Dimensions	Φ 266.6 mm × 410 mm (Φ 10.50" × 16.14")	
Weight	Approx. 8 kg (17.64 lb)	