

DS-2DF8236I5W-AELW

2 MP 36X Network Laser Outdoor PTZ Dome Camera

- 1/1.9" HD CMOS Sensor
- Optical Defog
- 2 MP (1920 x 1090) Full HD
- 1,640 ft (500 m) Laser Smart IR
- 36x Optical Zoom
- Smart Tracking
- Smart Detection
- EIS (Electronic Image Stabilization)
- Wiper
- IP66, IK10
- 24 VAC / Hi-PoE (injector supplied), 60 W



The Hikvision DS-2DF8236I5W-AELW Laser IR Smart PTZ Dome Camera is able to capture high quality images in dim light environments with its laser IR light, which can reach an IR distance of up to 1,640 ft (500 m). The embedded 1/1.9" progressive scan CMOS chip makes DWDR and 2MP real-time resolution possible. With the 36X optical zoom Day/Night lens, the camera covers more details over expansive areas.











The DS-2DF8236I5W-AELW Laser IR Smart PTZ Dome Camera also features a wide range of smart functions, including

intrusion detection, line crossing detection and audio exception, benefitting users with great improvement on security efficiency, more importantly, with key events / objects being recorded for further forensic needs. These features, combined with smart tracking, enable the camera to detect any progressively moving object and follow it within the camera's area of coverage without fault. Smart Defog and EIS (Electronic Image Stabilization) are further supported to improve image quality in challenging conditions.

Available models:
DS-2DF8236I5W-AELW



DS-2DF8236I5W-AELW	
Camera Module	
Image Sensor	1/1.9" Progressive Scan CMOS
Minimum Illumination	Color: 0.002 lux @ (F1.5, AGC ON), B/W : 0.0002 lux @ (F1.5, AGC ON), 0 lux with IR
Maximum Image Resolution	1920 × 1080
Focal Length	5.7 mm to 205 mm, 36x
Digital Zoom	16x
Zoom Speed	Approximately 7.4 s (optical wide-tele)
Angle of View	62.0 to 2.0 (wide-tele)
Minimum Working Distance	10 to 1500 mm (wide-tele)
Aperture Range	F1.5 to F4.5
Focus Mode	Auto / semiautomatic / manual
WDR	120 dB
Shutter Time	50 Hz: 1 to 1 / 30,000 s; 60 Hz: 1 to 1 / 30,000 s
AGC	Auto / Manual
White Balance	Auto / manual / ATW / indoor / outdoor / daylight lamp / sodium lamp
Day & Night	IR cut filter
Privacy Mask	8 privacy masks programmable; optional multiple colors and mosaics
Optical Defog	Supported
Enhancement	3D DNR, EIS, HLC/BLC, SVC
Pan and Tilt	
Range	Pan: 360° endless; Tilt: -20° to 90° (auto flip)
Speed	Pan manual speed: 0.1° to 160°/s, pan preset speed: 240°/s Tilt manual speed: 0.1° to 120°/s, tilt preset speed: 200°/s
Number of Presets	300
Patrol	8 patrols, up to 32 presets per patrol
Pattern	4 patterns, with the recording time not less than 10 minutes per pattern
Park Action	Preset / patrol / pattern / auto scan / tilt scan / random scan / frame scan / panorama scan
Scheduled Task	Preset / patrol / pattern / auto scan / tilt scan / random scan / frame scan / panorama scan / dome reboot / dome adjust / aux output
Smart Features	
Smart Tracking	Manual / panorama / intrusion trigger / line crossing trigger / region entrance trigger / region exiting trigger / smart tracking when patrol between multiple scenarios
Smart Detection	Intrusion detection, line crossing detection, audio exception detection, region entrance detection, region exiting detection
ROI encoding	Support 24 areas with adjustable levels
Infrared	
IR Distance	Up to 1640 ft (500 m)
IR Intensity	Automatically adjusted, depending on the zoom ratio
Alarm	
Alarm I/O	7/2
Alarm Trigger	Intrusion detection, line crossing detection, region entrance, region exiting, audio exception detection, motion detection, dynamic analysis, tampering alarm, network disconnect, IP address conflict, storage exception
Alarm Action	Preset, patrol, pattern, microSD/SDHC card recording, relay output, notification on client, send email, upload to FTP, trigger channel
Input / Output	
Monitor Output	Monitor Output 1.0 V [p-p] / 75 Ω, NTSC (or PAL) composite, BNC (S/N ratio ≥ 55dB)
Audio Input	1 microphone in / line in interface, line input: 2 to 2.4 V [p-p]; output impedance: 1 KΩ, ±10%
Audio Output	1 Audio output interface, line level, impedance: 600 Ω
Network	
Ethernet	10 Base-T / 100Base-TX, RJ45 connector
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720); 50 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288); 60 Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288)
Image Compression	H.264 / MJPEG / encoding with baseline / main / high profile
Audio Compression	G.711 alaw / G.711 ulaw / G.722 / G.726 / MP2L2 / PCM
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE
Simultaneous Live View	Up to 20 users
Mini SD Memory Card	Support for microSD / SDHC / SDXC cards up to 128 GB; Support for Edge recording
User/Host Level	Up to 32 users, 3 levels: administrator, operator and user
Security Measures	User authentication (ID and PW); host authentication (MAC address); IP address filtering
System Integration	
Application programming	Open-ended API, support for ONVIF, PSIA, CGI, and Genetec
Web Browser	IE 7+, Chrome 18 +, Firefox 5.0 +, Safari 5.02 +, multi-language support
RS-485 Protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive
Power	24 VAC and Hi-PoE (injector included), maximum 60 W
Working Temperature	-40° F to 149° F (-40° C to 65° C)
Humidity	90% or less
Protection Level	IP66, IK10, TVS 6,000 V lightning protection, surge protection, and voltage transient protection
Certification	FCC, CE, UL, RoHS, IEC/EN 61000, IEC/EN 55022, IEC/EN 55024, IEC / EN60950-1
Dimensions	Ø 10.50" x 17.13" (Ø 266.6 mm x 435 mm)
Weight (approximate)	17.64 lbs (approximately 8kg)

									
WMP-L Long Wall Mount	CMP Large Corner Mount for WMP-S/L	PMP Pole Mount for WMP-S/L	JBPW-L Power Box Mount w/Wall Bracket	PMPL Large Pole Mount for JBPW-L	CMPL Large Corner 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

