

DS-2DF8236I-AELW

2 MP Outdoor Ultra-Low Light Smart PTZ Camera



DARKFIGHTER ✦

- 1/1.9" HD CMOS Sensor
- Optical Defog
- 2 MP (1920 x 1090) Full HD
- 36x Optical Zoom
- Ultra-Low Light Illumination
- Smart Tracking
- Smart Detection
- EIS (Electronic Image Stabilization)
- 650 ft (200 m) IR Range
- IP66, IK10
- 24 VAC / Hi-PoE (injector supplied), 60 W

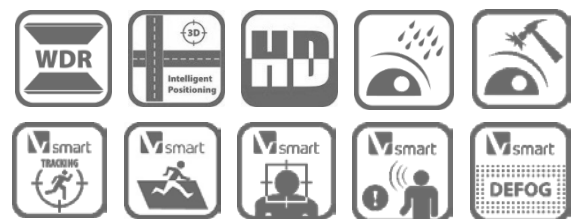


The Hikvision Darkfighter series DS-2DF8236I-AELW Smart PTZ cameras are able to capture high quality colored images in dim light environments, thanks to their cutting-edge 0.002 Lux (color) low-light illumination technology.












The embedded 1/1.9" progressive scan CMOS chip makes true WDR (120dB) and 2 MP real-time resolution possible. The 16x/36x optical zoom Day/Night lens also allows for greater detail to be collected over more expansive areas.

The Darkfighter PTZ camera also features a wide range of smart functions, including face detection, intrusion detection, line crossing detection, and audio exception, which provides users with greater security efficiency, and allows for key events / objects to be recorded for further forensic needs.

Available models:
DS-2DF8236I-AELW



DS-2DF8236I-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 205.2 mm, 36x
Digital Zoom	16x
Zoom Speed	Approximately 3.3 s (optical wide-tele)
Angle of View	58.7° to 2.0° (wide-tele)
Minimum Working Distance	10 to 1500 mm (wide-tele)
Aperture Range	F1.5 to F3.4
Focus Mode	Auto / semiautomatic / manual
WDR	120 dB
S/ N Ratio	□ 55 dB
Shutter Time	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
Enhancements	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	Face 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 650 ft (200 m)
IR Intensity	Automatically adjusted, depending on the zoom ratio
Alarm	
Alarm I/O	7/2
Alarm Trigger	Face detection, 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 □, 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 K□, ±10%
Audio Output	1 Audio output interface, line level, impedance: 600 □
Network	
Ethernet	10 Base-T / 100Base-TX, RJ45 connector
Main Stream	30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	30fps (704 × 480, 352 × 240, 176 × 120)
Third Stream	30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 352 × 240, 176 × 120)
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 14.38" (Ø 266.6 mm x 365.2 mm)
Weight (approximate)	17.64 lbs (approximately 8 kg)

										
CPM-S Ceiling pendant mount - short	CMPL Corner mount large (for JBP-W)	CPM-L Ceiling pendant mount - long	CPMPE Ceiling pendant mount, extension pipe, 1.5" diameter	RPM Roof parapet mount	WMP-L Wall mount PTZ - long	CMP Corner mount for WMP-L and WMP-S	PMP Pole mount for WMP-L and WMP-S	JBPW-L PTZ junction box with wall bracket	PMPL Pole mount large (for JBP-W)	WMP-S Short wall mount for 4" PTZ

