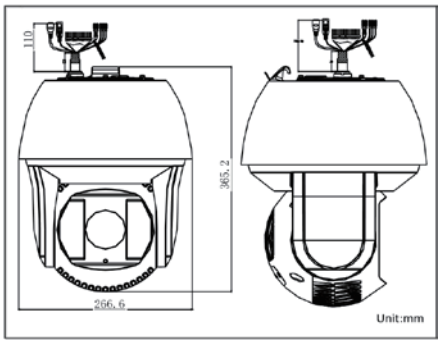
DS-2DF8236IV-AEL

2 MP 36x Network IR PTZ Dome Camera

Key Features

- 1920 × 1080p Full HD
- 2 Megapixel High Resolution
- 36x Optical Zoom
- 140 dB Wide Dynamic Range (WDR)
- Smart Tracking
- Smart Detection
- 200 Meters IR Range
- PoE+ (802.3at)
- IK10 Vandal Resistant
- IP66 Weatherproof Protection

Dimensions



Accessories

WMP-L Wall Mount | CMP Corner Mount | PMP Pole Mount | JBP Junction Box

Order Model

DS-2DF8236IV-AEL, High-PoE/24 VAC, outdoor

	DS-2DF8236IV-AEL
Camera Module	
Image Sensor	1/2.8" progressive scan CMOS
Minimum Illumination	Color: 0.05 lux (ƒ/1.6, AGC on); B/W: 0.01 lux, 0 lux with IR
Max. Image Resolution	1920 × 1080
Focal Length	4.5 mm to 162 mm, 36x
Digital Zoom	16x
Zoom Speed	Approximately 3.3 s (optical wide to tele)
Angle of View	60.6° to 3.68° (wide to tele)
Min. Working Distance	10 mm to 1500 mm (wide to tele)
Aperture Range	ƒ/1.6 to ƒ/4.4
Focus Mode	Auto/semiautomatic/manual
WDR	140 dB
S/N Ratio	≥55 dB
Shutter Speed	1 s 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	24 privacy masks programmable
Enhancement	3D DNR, defog, 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
Patrols	16 patrols, up to 32 presets per patrol
Patterns	10 patterns, with the recording time not less than 10 minutes per pattern
Park Actions	Preset/patrol/pattern/auto scan/tilt scan/random scan/frame scan/panorama scan
Scheduled Tasks	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 Detection	Intrusion detection, line crossing detection, audio exception
ROI Encoding	Supports 24 areas with adjustable levels
Infrared	
IR Distance	Up to 200 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, audio exception 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
Input/Output	
Monitor Output	1.0 V[p-p]/75 Ω, NTSC (or PAL) composite, BNC
Audio Input	1 mic in/line in interface, line input: 2 to 2.4 V[p-p]; output impedance: 1 K Ω, ±10%
Audio Output	1 audio output interface, line level, impedance: 600 Ω
Network	
Ethernet	10Base-T/100Base-TX, RJ-45 connector
Main Stream	30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	30 fps (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/MPEG4, H.264 encoding with Baseline/Main/High profile
Audio Compression	G.711ulaw/G.711alaw/G.726/MP2L2/G.722
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	Manual REC/alarm REC, built-in microSD/SDHC/SDXC card slot, up to 128 GB, edge recording
User/Host Levels	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, supports ONVIF, PSIA, CGI
Web Browser	IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+, supports multi-language
RS-485 Protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive
Power	24 VAC, PoE+ (802.3at), maximum 60 W
Working Temperature	-40° C to 65° C (-40° F to 149° F)
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	Φ266.6 mm × 365.2 mm (10.5" x 14.38")
Weight (approximate)	8 kg (17.64 pounds)

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