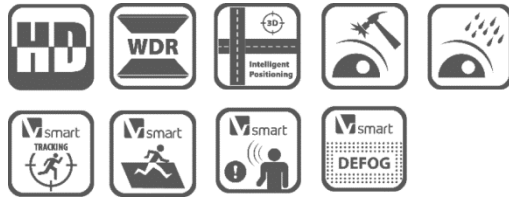


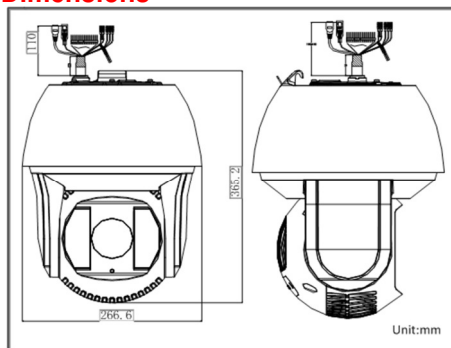
DS-2DF8836IV-AEL/AELW 4K Smart IR PTZ Camera



Key Features

- 4K 8 Megapixel (4096 x 2160) Resolution
- 36x Optical Zoom
- 120 dB True WDR
- Smart Suite Analytics
- Smart Tracking
- Smart Recording
- -AELW, Wiper Function
- 650 Feet (200 Meters) IR Range
- Hi-PoE/24 VAC Power Supply

Dimensions



Accessories

- WMP-L, Wall Mount
- CMPL, Corner Mount
- CPM-S, Short Ceiling Pendant Mount
- CPM-L, Long Ceiling Pendant Mount
- JBP-W, Junction Box w/Wall Bracket
- PMPL, Pole Mount
- DS-1100KI, Network Keyboard
- DS-1005KI, USB Joystick

Order Model

- DS-2DF8836IV-AEL
- DS-2DF8836IV-AELW with wiper

Hikvision USA Inc., 908 Canada Court, City of Industry, CA 91748, USA • Hikvision Canada, 4485 Dobrin, St-Laurent, Quebec, Canada, H4R 2L8
Tel: +1-909-895-0400 • Toll Free in USA: +1-866-200-6690 • E-Mail: sales.usa@hikvision.com • www.hikvision.com
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DS-2DF8836IV-AEL/AELW	
Camera Module	
Image Sensor	1/1.9" progressive scan CMOS
Minimum Illumination	f/1.5, 50 IRE, AGC on: color: 0.02 lux, B/W: 0.002 lux, 0 lux with IR
Max. Image Resolution	4096 x 2160
Focal Length	6.2 mm to 202 mm, 36x
Digital Zoom	16x
Zoom Speed	Approximately 7.4s (optical, wide to telephoto)
Angle of View	56.8 – 2.02° (wide to telephoto)
Min. Working Distance	10 mm to 1500 mm (wide to tele)
Aperture Range	f/1.55 to f/4.8
Focus Mode	Auto/semiautomatic/manual
WDR	120 dB
S/N Ratio	≥ 55 dB
Shutter Speed	1 s to 1/30,000s
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; optional multiple colors and mosaics
Optical Defog	Supported
Enhancements	3D DNR, HLC/BLC, SVC
Pan and Tilt	
Range	Pan: 360° endless; tilt: -20° to 90° (autoflip)
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	8 patrols, up to 32 presets per patrol
Patterns	4 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 tracking when patrol between multiple scenarios
Smart Detection	Intrusion detection, line crossing detection, audio exception detection, region entrance detection, region exiting detection
ROI Encoding	Supports 24 areas with adjustable levels
Infrared	
IR Range	Up to 650 feet (200 meters)
IR Intensity	Automatically adjusted, depending on the zoom ratio
Alarm	
Alarm I/O	7/2
Alarm Triggers	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 e-mail, upload to FTP, trigger channel
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: 1K Ω, ±10%
Audio Output	1 audio output interface, line level, impedance: 600 Ω
Network	
Ethernet	10Base-T/100Base-TX, RJ-45 connector
Main Stream	24 fps (4096 x 2160) 30 fps (3840 x 2160, 3072 x 1728, 2560 x 1440, 1920 x 1080, 1280 x 720)
Sub Stream	30 fps (704 x 480, 640 x 480, 352 x 240)
Third Stream	30 fps (704 x 480, 640 x 480, 352 x 240)
Image Compression	H.264/MJPEG/MPEG4, H.264 encoding with Baseline/Main/High profile
Audio Compression	G.711 ulaw/G.711 alaw/G.726/MP2L2/G.722/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 Views	Up to 20 users
MicroSD Memory Card	Supports up to 128 GB microSD/SDHC/SDXC card and 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, supports ONVIF, PSIA, CGI, ISAPI and Genetec
Web Browser	IE 7+, Firefox 5.0+, Safari 5.02+, supports multi-language
RS-485 Protocols	HIKVISION, Pelco-P, Pelco-D, self-adaptive
Power	High-PoE and 24 VAC, maximum 60 W, -AELW wiper 2 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, voltage transient protection
Certification	FCC, CE, UL, RoHS, IEC/EN 61000, IEC/EN 55022, IEC/EN 55024, IEC/EN60950-1
Dimensions	Φ266.6 mm x 365.2 mm (10.5" x 14.38")
Weight (approximate)	8 kg (17 lbs 10 ozs)