

DS-2DF8223I-AEL

2 MP 23x Network IR PTZ Dome Camera

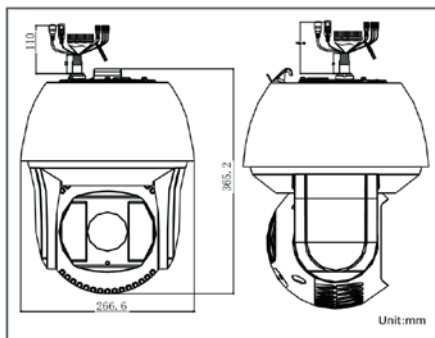
DARKFIGHTER



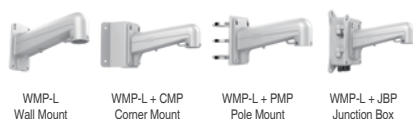
Key Features

- 1920 × 1080 Full HD, 23x Optical Zoom
- 1/1.9" HD CMOS Sensor
- Ultra-Low Illumination
- 120 dB True WDR
- Smart Tracking
- Smart Detection
- EIS (Electronic Image Stabilization)
- 200 Meters IR Range
- High-PoE/24 VAC Power Supply
- Vandal Resistant (IK10)

Dimensions



Accessories



Order Models

DS-2DF8223I-AEL

DS-2DF8223I-AEL	
Camera Module	
Image Sensor	1/1.9" progressive scan CMOS
Minimum Illumination	Color: 0.005 @ f/1.5; B/W: 0.0005 @ f/1.5, 0 with IR
Max. Image Resolution	1920 × 1080
Focal Length	5.9 mm to 135.7 mm, 23x
Digital Zoom	16x
Zoom Speed	Approximately 4.4 s (optical wide to tele)
Angle of View	59.8° to 3.0° (wide to tele)
Min. Working Distance	10 mm to 1500 mm (wide to tele)
Aperture Range	f/1.5 to f/3.4
Focus Mode	Auto/semiautomatic/manual
WDR	120 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; optional multiple colors and mosaics
Enhancement	3D DNR, EIS, 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	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 Detection	Intrusion detection, line crossing detection, audio exception detection
ROI Encoding	Supports 24 areas with adjustable levels
Infrared	
IR Distance	Up to 200 meters
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: 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	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 Views	Up to 20 users
MicroSD Memory Card	Supports up to 128 GB microSD/SDHC/SDXC card. Supports 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, and ISAPI
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	Hi-PoE and 24 VAC, maximum 60 W
Working Temperature	-40° C to 65° C (-40° F to 149° F)
Humidity	90% or less
Protection Level	IP66, IK10, TVS 6,000V 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" × 14.38")
Weight (approximate)	~8 kg (~17.64 lbs)

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