

E-F514-A^{ELITE}

5MP IR Fisheye Network Camera



Accessories

PFB203W



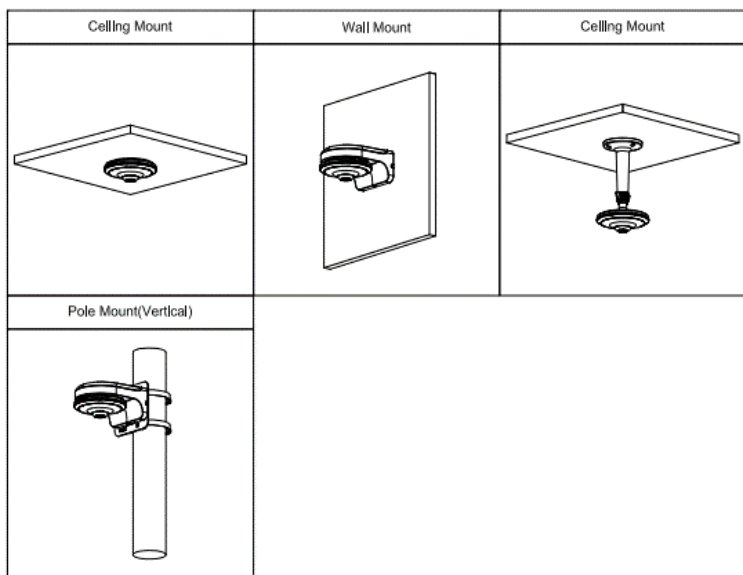
PFB110W



PFA152-E



Installation Method

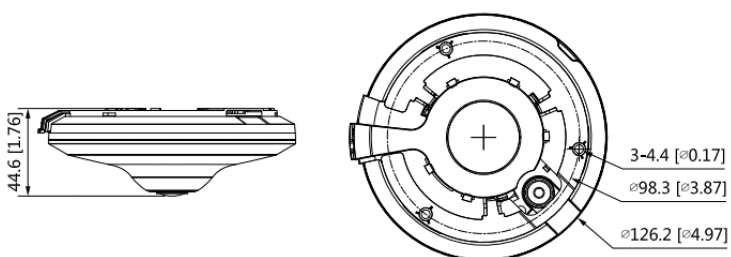


Technical Specification

Camera

Image Sensor	1/2.7" 5Megapixel progressive CMOS
Max. Resolution	2592 (H) × 1944 (V)
ROM	128 MB
RAM	512 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.006 Lux@F2.0 (Color, 30IRE) 0.0006 Lux@F2.0 (B/W, 30IRE) 0 Lux (Illuminator on)
S/N Ratio	>56 dB
Illumination Distance	10 m
Illuminator On/Off Control	Auto / Manual
Illuminator Number	3 (IR LED)

Dimensions mm (inch)



Technical Specification

Lens

Lens Type	Fixed focal			
Lens Mount	M12			
Focal Length	1,4 mm			
Max. Aperture	F2.0			
Scanning System	Progressive			
Field of View	Horizontal: 180° Vertical: 180° Diagonal: 180°			
Iris Control	Fixed			
Close Focus Distance	0,2 m			
DORI Distance	Detect	Observe	Recognize	Identify
	28,0 m	11,2 m	5,6 m	2,8 m

Smart Event

Heat Map	Yes
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Intelligence

IVS (Perimeter Protection)	Tripwire; intrusion
People Counting	Support people counting in area, and displaying and outputting yearly/monthly/daily reports (matching devices are needed); support people counting in 4 areas
Intelligent Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos.

Video

Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)
Smart Codec	Smart H.265+; Smart H.264+
Video Frame Rate	Main stream (2592 × 1944 @1–25/30 fps) sub stream (704 × 576 @1–25 fps/704 × 480 @1–30 fps) third stream (1280 × 720 @1–25/30 fps)
Stream Capability	3 streams
Resolution	5M (2592 × 1944); 3M (2048 × 1536); UXGA (1600 × 1200); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 3 kbps–8192 kbps H.265: 3 kbps–8192 kbps
Day/Night	Auto (ICR)/Color/B/W
BLC	Yes
HLC	Yes
WDR	120 dB
White Balance	Auto/natural/street/lamp/outdoor/manual/regional custom
Gain Control	Manual / Auto
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest (RoI)	Yes (4 areas)
Smart Illumination	Yes
Privacy Masking	4 areas

Audio

Built-in MIC	Yes
Audio Compression	PCM; G.711a; G.711Mu; G726

Alarm

Alarm Event	No SD card; SD card full; SD card error; service life warning (supported by Dahua card); network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; scene changing; audio detection; voltage detection; external alarm; people counting in area; stay alarm; people counting; people No. exception detection; safety exception
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Network

Network Port	RJ-45 (10/100 Base-T)
SDK and API	Yes
Network Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; SNMP
Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec; P2P
User/Host	20 (Total bandwidth: 64 M)
Storage	FTP; SFTP; Micro SD card (support max. 256 G); NAS
Browser	IE; Chrome; Firefox
Management Software	Smart PSS; DSS; DMSS
Mobile Client	iOS; Android
Cyber Security	Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade

Port

Audio Input	1 channel (RCA port)
Audio Output	1 channel (RCA port)
Alarm Input	1 channel in: 5 mA 3–5 VDC
Alarm Output	1 channel out: 300 mA 12 VDC

Environment

Operating Temperature	–10°C to +50°C
Operating Humidity	≤95%
Storage Temperature	–40°C to +60°C

Technical Specification**Power**

Power Supply	12 VDC/PoE (802.3af)
Power Consumption	Basic power consumption: 3.6W (12V DC); 4.4W (PoE) Max. power consumption (H.265 + IR on+ intelligent function + WDR): 7.3W (12V DC); 8.8W (PoE)

Structure

Casing Material	Metal + plastic
Product Dimensions	44.6 mm × Φ126.2 mm
Net Weight	0.299 kg
Gross Weight	0,441 kg