

ERBU

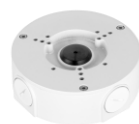
E-B428-AW PRO

4MP Full Color Pro Bullet Network Camera



Accessories

PFA130-E



PFB151



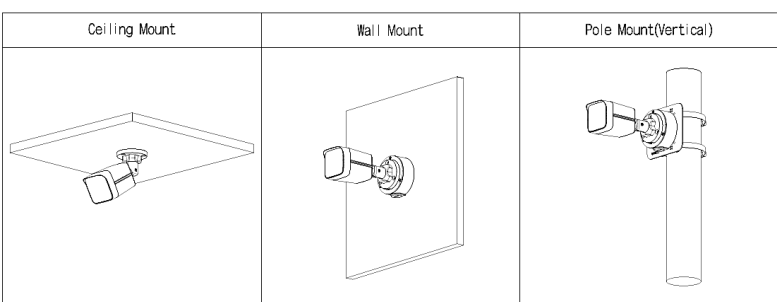
PFA152-E



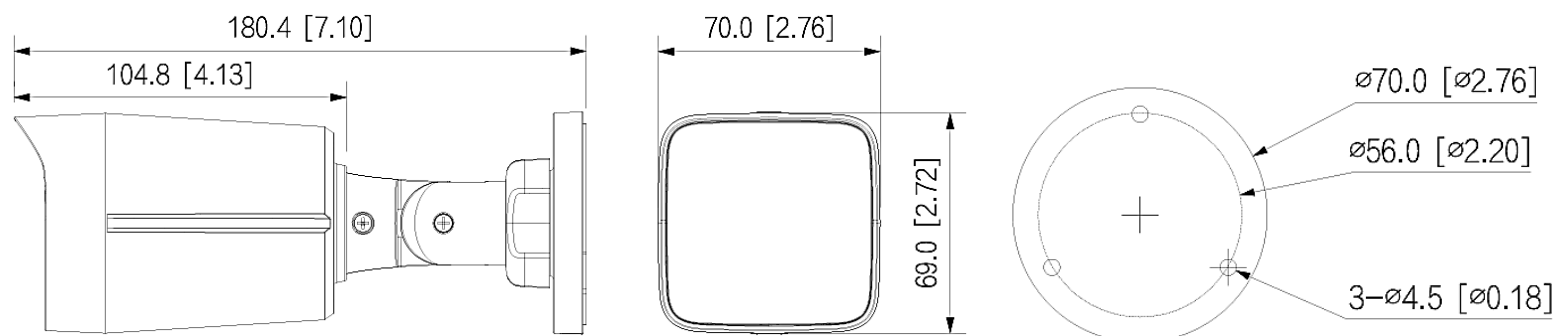
PFA134



Installation Method



Dimensions mm (inch)



Technical Specification

Camera

Image Sensor	1/3" CMOS
Max. Resolution	2560 (H) × 1440 (V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.0005 lux@F1.0
S/N Ratio	> 56 dB
Illumination Distance	20m WL
Illuminator On/Off Control	Auto; Manual
Illuminator Number	1 (Warm light)
Angle Adjustment	Pan: 0° to 360° Tilt: 0° to 90° Rotation: 0° to 360°

Lens

Lens Type	Fixed-focal			
Lens Mount	M12			
Focal Length	2,8 mm			
Max. Aperture	F1.0			
Field of View	H: 95° V: 50° D:112°			
Iris Control	Fixed			
Close Focus Distance	2 m			
DORI Distance	Detect 66,0 m	Observe 26,4 m	Recognize 13,2 m	Identify 6,6 m

Intelligence

SMD	SMD Plus
Smart 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 sub stream)
AI Coding	AI H.265; AI H.264 (Super AI Coding) *Includes smart codec technology, Smart H.265+ and Smart H.264+
Video Frame Rate	Mainstream: 2560 × 1440@ (1–25/30 fps) Sub stream: 704 × 576@ (1–25 fps)/704 × 480@ (1–30 fps) *The values above are the max frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity.
Stream Capability	2 streams
Resolution	4M (2560 × 1440); 3M (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Bit Rate Control	VBR; CBR
Video Bit Rate	H.264: 32 kbps–4096 kbps; H.265: 12 kbps–4096 kbps
Day / Night	Color/B/W
BLC	Yes
HLC	Yes
WDR	120 dB

White Balance	Auto; natural; street lamp; outdoor; manual; regional custom
Gain Control	Auto/Manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest (RoI)	Yes (4 areas)
Smart Illumination	Yes
Image Rotation	0°/180°
Mirror	Yes
Privacy Masking	4 areas

Audio

Built-in MIC	Yes, built-in Mic
Audio Compression	G.711a; G.711Mu; PCM; G.726

Alarm

Alarm Event	Network disconnection; IP conflict; illegal access; motion detection; video tampering; audio detection; SMD; security exception
-------------	---

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; DHCP; DNS; DDNS; NTP; Multicast; ICMP; IGMP; NFS; P2P; Auto Registration
Interoperability	ONVIF (Profile S & Profile T); CGI
User/Host	6 (Total bandwidth: 24 M)
Storage	FTP
Browser	IE; Chrome; Firefox
Management Software	Smart PSS Lite; DSS; DMSS; DoLink Care
Mobile Client	iOS; Android
Cyber Security	Digest; WSSE; Account lockout; Security logs; IP/MAC filtering; Generation and importing of X.509 certification; syslog; HTTPS; Trusted boot; Trusted execution; Trusted upgrade; Session security; Security warning; SSL/TLS 1.2; AES 256

Certification

Certifications	CE-LVD: EN62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU
----------------	---

Power

Power Supply	12 VDC/PoE (802.3af)
Dual Power Backup	Yes
Power Consumption	Basic: 1.6 W (12 VDC); 2.5 W (PoE); Max.: 4.1 W (12 VDC); 5.3 W (PoE) (ICR switch + AI ISP on + illuminator intensity)

Technical Specification**Environment**

Operating Temperature	−40 °C to +60 °C
Operating Humidity	≤95%(RH), non-condensing
Storage Temperature	−40 °C to +60 °C
Storage Humidity	≤95%(RH), non-condensing
Protection	IP67
Anti-corrosion Level	Basic Protection *The products are designed for general use and are applicable even in areas with no specific requirements for anti-corrosion protection.

Structure

Casing Material	Metal + Plastic
Product Dimensions	180.4 mm × 70 mm × 70 mm
Net Weight	0.29 kg
Gross Weight	0.40 kg