

# E-T528-AFD<sup>EVO</sup> 5

5 MP Smart Dual Light Active Deterrence Fixed-focal Network Camera



## Accessories

PFA137



PFB205W-E



PFA152-E



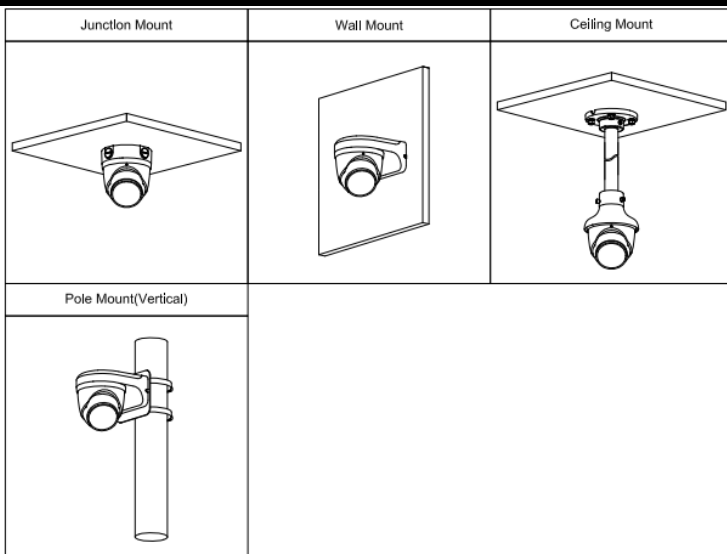
PFA109



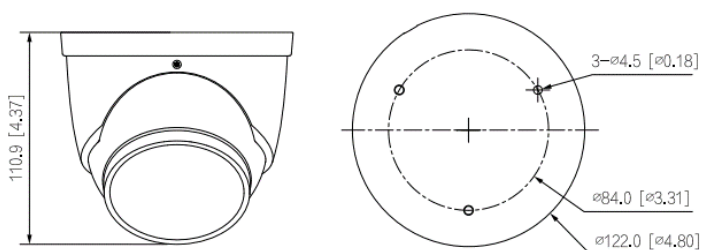
PFB220 C



## Installation Method



## Dimensions mm (inch)



## Technical Specification

### Camera

Image Sensor	1/2.7" CMOS
Max. Resolution	2960 (H) × 1668 (V)
ROM	256 MB
RAM	1 G
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.003 lux@F1.0 (Color, 30 IRE) 0.0003 lux@F1.0 (B/W, 30 IRE) 0 lux (illuminator on)
S/N Ratio	>56 dB
Illumination Distance	30 m (IR) 30 m (warm light)
Illuminator On/Off Control	Auto / Manual
Illuminator Number	1 (IR LED) 1 (warm light)
Pan/Tilt/Rotation Range	Pan: 0°–360° Tilt: 0°–78° Rotation: 0°–360°

## Technical Specification

### Lens

Lens Type	Fixed-focal				
Lens Mount	M12				
Focal Length	2.8 mm				
Max. Aperture	F1.0				
Field of View	2.8 mm: H: 97°; V: 70°; D: 128°				
Iris Control	Fixed				
Close Focus Distance	1.5 m				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	66.0 m	26.4 m	13.2 m	6.6 m

### Intelligence

IVS (Perimeter Protection)	Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)
SMD 4.0	SMD 4.0
AcuPick	Uses deep learning algorithms and works with back-end devices to accurately match targets, such as people and motor vehicles, and search through live and recorded videos to quickly locate targets.
AI SSA	Adopt deep learning algorithms to adjust the parameters of the image to suit the conditions.
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 the sub stream)
Smart Codec	Smart H.265+; Smart H.264+
AI Coding	AI H.265 (Compression rate ≥25%) AI H.264 (Compression rate ≥25%)
Video Frame Rate	Main stream: 2880 × 1620/2960 × 1668@(1 fps–20 fps)/2688 × 1520 @(1 fps–30 fps) Sub stream: 704 × 576@(1–25 fps)/704 × 480@(1–30 fps) Third stream: 1920 × 1080@(1–25/30 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	3 streams
Resolution	5M (2880 × 1620/2960 × 1668); 4M (2688 × 1520/2560 × 1440); 3M (2304 × 1296/2048 × 1536); 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	CBR/VBR/ABR
Video Bit Rate	H.264: 3 kbps–16384 kbps; H.265: 3 kbps–16384 kbps
Day/Night	Auto(ICR)/Color/B/W
BLC	Yes
HLC	Yes
WDR	120 dB
Scene Self-adaptation (SSA)	Yes
White Balance	Auto; natural; street lamp; outdoor; manual; regional custom
Gain Control	Auto

Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest (RoI)	Yes (4 areas)
Smart Illumination	Yes
Defog	Yes
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)
Mirror	Yes
Privacy Masking	4 areas
LDC	Yes

### Audio

Built-in MIC	Yes
Built-in speaker	Yes
Audio Compression	PCM; G.711a; G.711Mu; G.726; G.723

### Alarm

Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; scene changing; audio detection; intensity change; voltage detection; external alarm; SMD; security 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; P2P
Interoperability	ONVIF (Profile S; Profile G; Profile T); CGI
User/Host	20 (Total bandwidth: 64 M)
Storage	FTP/SFTP; Micro SD card (support max. 256 GB); NAS
Browser	IE: IE8/9/11; Chrome; Firefox
Management Software	Smart PSS Lite; DSS; DMSS
Mobile Client	iOS; Android
Cyber Security	Video encrypton;Firmware encrypton: Configuraton encrypton; Digest;WSSE; Account lockout;Security logs;IP/MAC filtering;Generaton and importng of X.509 ce rtfcaton;syslog;HTTPS;802.1x;Trusted boot;Trusted executon;Trusted upgrade

### Certification

Certifications	CE-LVD: EN 62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU
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**Technical Specification****Port**

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

**Power**

Power Supply	12 VDC/PoE (802.3af)
Power Consumption	Basic: 3.7 W (12 VDC); 4.8 W (PoE) Max. (H.265+WDR+ warm light+siren and light active deterrence + intelligence on): 8.3 W (12 VDC); 8.8 W (PoE)

**Environment**

Operating Temperature	–40 °C to +60 °C Less than 95% RH
Operating Humidity	≤95%
Protection	IP67

**Structure**

Casing Material	Metal
Product Dimensions	Φ122.0 mm × 110.9 mm
Net Weight	0,75 kg
Gross Weight	0,92 kg