

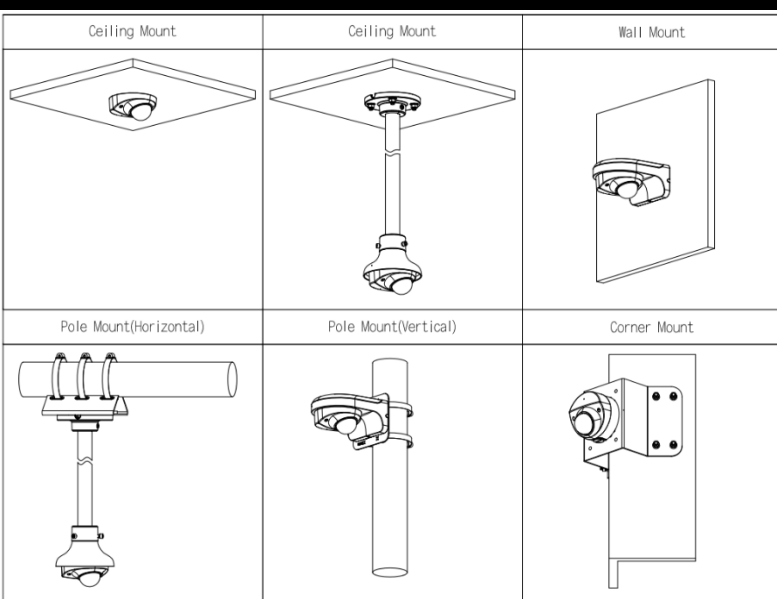
ERBU

E-D428-AFS PRO

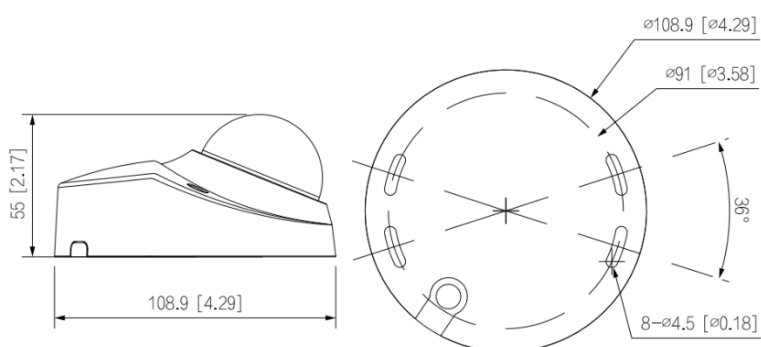
4MP Full Color Dual Light Dome Network Camera



Installation Metod



Dimensions mm (inch)



Accessories

PFA139



PFB204W



PFA106



PFB220C



PFA152-E



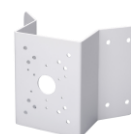
PFA150



PFB305W



PFA151



Technical Specification

Camera

Image Sensor	1/2.9" CMOS
Max. Resolution	2688 (H) × 1520 (V)
ROM	128 MB
RAM	128 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.006 lux@F1.6 (Color, 30 IRE); 0.0006 lux@F1.6 (B/W, 30 IRE); 0 lux (Illuminator on)
S/N Ratio	> 56 dB
Illumination Distance	30m IR 30m WL
Illuminator On/Off Control	Auto; Manual
Illuminator Number	4 (Multi-core (IR + warm) light)
Angle Adjustment	Pan: -30° to 30°; Tilt: 0°–80° Rotation: 0°–360°

Lens

Lens Type	Fixed-focal			
Lens Mount	M12			
Focal Length	2,8 mm			
Max. Aperture	F1.6			
Field of View	H: 101° V: 54° D:120°			
Iris Control	Fixed			
Close Focus Distance	1,1 m			
DORI Distance	Detect 63,6 m	Observe 25,4 m	Recognize 12,7 m	Identify 6,4 m

Intelligence

IVS (Perimeter Protection)	Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)
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 the sub stream)
Smart Codec	Smart H.265+; Smart H.264+
Video Frame Rate	Main stream: 2688 × 1520@ (1–20 fps)/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 (2688 × 1520/2560 × 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–6144 kbps; H.265: 12 kbps–6144 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	Auto/Manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest (RoI)	Yes (4 areas)
Smart Illumination	Yes
Smart Dual Light	Yes
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)
Mirror	Yes
Privacy Masking	4 areas

Audio

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

Alarm

Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; audio detection; voltage detection; SMD; security exception; external alarm
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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; NTP; Multicast; ICMP; IGMP; P2P
Interoperability	ONVIF (Profile S & Profile G & Profile T); CGI
User/Host	6 (Total bandwidth: 36 M)
Storage	FTP; SFTP; Micro SD card (support max. 256 GB)
Browser	IE; Chrome;Firefox
Management Software	Smart PSS Lite; DSS; DMSS; DoLink Care
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

Technical Specification**Certification**

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

Power Supply	12 VDC/PoE (802.3af)
Power Consumption	Basic: 2.3 W (12 VDC), 2.8 W (PoE); Max.: 7.1 W (12 VDC), 8.5 W (PoE) (H.265 + intelligence on+ WDR + illuminator intensity)

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

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; IK10

Structure

Casing Material	Metal
Product Dimensions	55.0 mm × Φ108.9 mm
Net Weight	0.41 kg
Gross Weight	0.55 kg