



IP-4EB-F28-DPA

Professional Level TitanSight

4MP TitanSight Fixed Turret Network
Camera



- Up to 20 fps @ 4MP (2688 × 1520)
- 1/1.8" Large CMOS Image Sensor
- Minimum Illumination of 0.0003 Lux at F1.0
- AI-ISP Technology Effectively Handles Image Color Inconsistencies
- Built-in 2x Warm White Lights with Max. Illumination Distance of 100 ft
- Video Content Analytics with AI-based Line Crossing and Intrusion
- Intelligent Motion Detection Focused on Human and Vehicle
- Built-in Microphone
- Built-in microSD Card Slot, Up to 256 GB
- 12 VDC and PoE Power Supply
- IP67 Water & Dustproof Protection Rating

SPECIFICATION

Camera

Image Sensor	1/1.8" CMOS
Min. Illumination	0.0003 lux at F1.0
E-shutter Speed	Auto/Manual 1/3 s–1/100,000 s
S/N Ratio	> 50 dB
Noise Reduction	3D NR
Wide Dynamic Range	120 dB
Day & Night	Color/B/W
Angle Adjustment	Pan and Rotation: 0°-360° Tilt: 0°-78°
Lens Type	Fixed-focal 2.8 mm at F1.0
Iris Type	Fixed
Field of View	Horizontal: 112°, Vertical: 60°, Diagonal: 134°
Close Focus Range	6.56 ft (2 m)



DORI

Detect: 153.87 ft (46.9 m)

Observe: 58.72 ft (17.9 m)

Recognize: 30.51 ft (9.3 m)

Identify: 14.76 ft (4.5 m)

Illuminators	2x Warm white Lights
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Illumination Range	Up to 100 ft (30.48 m)
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Illuminator Control	Auto, Manual, Off
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Video

Video Compression	H.265; H.264; MJPEG (Sub Stream Only)
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Smart Codec	Supported
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Resolution	4MP (2688*1520), 4MP (2560*1440), 3MP (2304*1296), 1080p (1920*1080), 1.3MP (1280*960), 720P (1280*720), D1 (704*480), VGA (640*480), CIF (352*240)
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Maximum Frame Rate	Main stream: 4MP (2688*1520) at 20 fps, 4MP (2560*1440) at 30 fps Sub stream: D1 (704*480) at 30 fps
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Video Stream	2 streams
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Bit Rate Control	CBR, VBR
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Video Bit Rate	H.264: 3kbps to 6144kbps H.265: 3kbps to 6144kbps
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ROI	Supported (4 areas)
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Image Rotation	0°, 90°, 180° and 270° (90° and 270° only for 2688 × 1520 resolution and lower)
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Mirror	Supported
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Privacy Mask

Supported (4 areas)

Audio

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

Intelligent Analysis

VCA (Video Content Analytics)	Intrusion, Line Crossing
iMD	Supported

Event

Alarm Event	Line Crossing, Intrusion, Motion Detection, iMD, Audio Detection, Video Tampering, Disk Full, Disk Error, Offline, IP conflict, Voltage Detection, Security Warning
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Network

Protocol	IPv4, IPv6, DNS, TCP, UDP, DHCP, HTTP, HTTPS, 802.1X, RTSP, DDNS, P2P, SMTP, RTMP, PPPoE, UPnP, SNMP, Bonjour, QoS, Auto Registration, ICMP, IGMP, FTP, SFTP, RTP, RTCP, ARP, NTP, Multicast, NFS
Interoperability	ONVIF (Profile S & Profile G & Profile T); CGI
Storage	FTP, SFTP, Micro SD card (support max. 256 GB), NAS
Web Browser	Chrome, Firefox
Client	PC client: TitanViewer



Mobile APP: TitanViewer

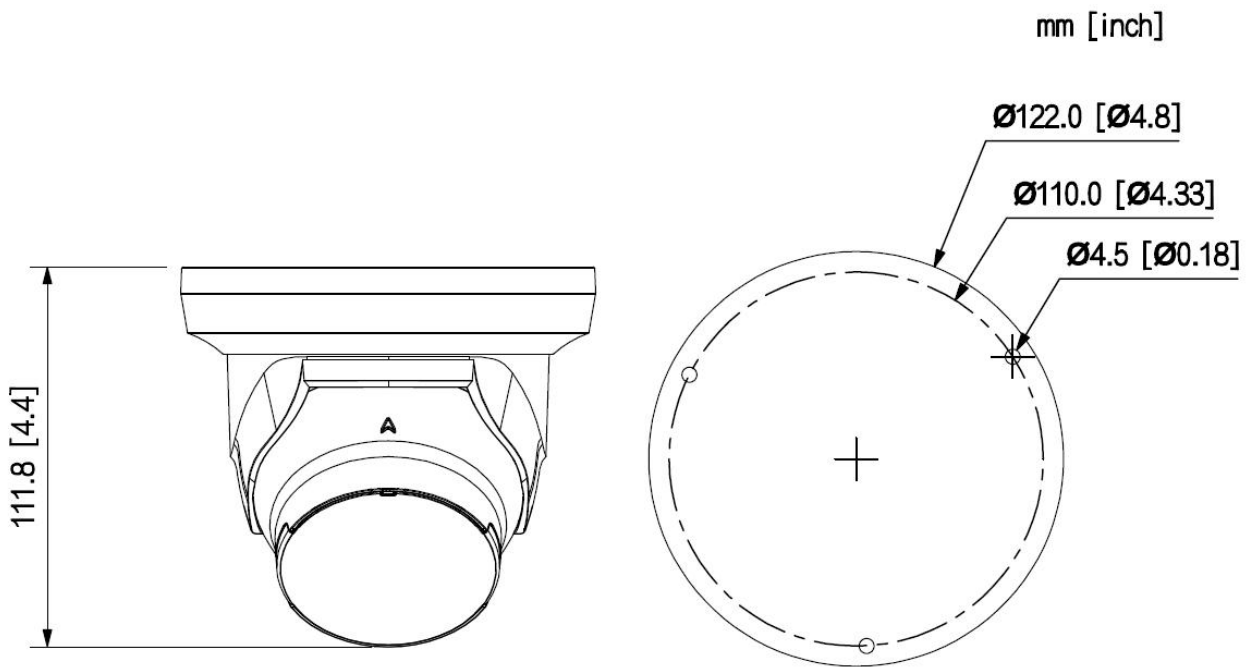
Interface

Network port	RJ-45 (10/100 Base-T)
Micro SD card Slot	Yes
Reset Button	Supported

General

Power Supply	12 VDC / PoE (802.3af)
Power Consumption	12 VDC: Max 5.3W, Typical 2.0W / PoE: Max 6.4W, Typical 2.5W
Housing	Metal
Dimensions	Φ4.8" x 4.4" (Φ122.0 mm x 111.8 mm)
Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than 95% RH
Storage Conditions	-40°C to +60°C (-40°F to +140°F)
Protection Grade	IP67
Net Weight	1.12 lb (508.02 g)
Gross Weight	1.577 lb (715.32 g)
Certification	FCC, IC

Dimension



ACCESSORIES



A01

Mount Adapter



W10

Wall Mount Bracket



W01

Wall Mount Bracket



W02

Wall Mount Bracket



E01

Ceiling Mount Bracket



J02

Junction Box



CJ11

IP66 Junction Box



P02

Pole Mount Bracket





C01

P01

Corner Mount Bracket

Pole Mount Bracket