



IP-8EB-F28-DPA

Professional Level TitanSight

8MP TitanSight Fixed Turret Network
Camera



- Up to 20 fps at 8MP (3840 × 2160)
- Large 1/1.8" 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 up to 98.43 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, supports up to 256 GB
- 12 V DC and PoE power supply
- IP67-rated water and dust protection

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	> 56 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: 110°, Vertical: 59°, Diagonal: 131°
Close Focus Range	9.19 ft (2.8 m)



DORI

Detect: 275.59 ft (84 m)

Observe: 110.24 ft (33.6 m)

Recognize: 55.12 ft (16.8 m)

Identify: 8.4 ft (27.56 m)

Illuminators	2x Warm white Lights
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Illumination Range	Up to 98.43 ft (30 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	8MP (3840*2160), 6M (3072*2048), 5M (3072*1728), 5M (2880*1620), 4M (2688*1520), 3M (2048*1536), 3M(2304*1296), 1080p (1920*1080), 1.3M (1280*960), 720p (1280*720), D1 (704*576), D1(704*480), VGA (640* 480), CIF (352*288), CIF (352*240)
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Maximum Frame Rate	Main stream: 8MP (3840*2160) at 20 fps, 4MP (2688*1520) at 30 fps Sub stream: D1 (704*576) at 25 fps, 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: 32 kbps to 8192 kbps H.265: 12 kbps to 8192 kbps
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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)
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Audio

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

VCA (Video Content Analytics)	Intrusion, Line Crossing
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iMD	Supported
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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
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Interoperability	ONVIF (Profile S & Profile G & Profile T); CGI
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Storage	FTP, SFTP, Micro SD card (support max. 256
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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 5.6 W, Typical 2.4 W / PoE: Max 6.4 W, Typical 3 W

Housing

Metal

Dimensions

Φ4.8" x 4.49" (Φ122.0 mm x 114.0 mm)

Operating Conditions

-40°F to +140°F (-40°C to +60°C)/less than 95% RH

Storage Conditions

-40°F to +140°F (-40°C to +60°C)

Protection Grade

IP67

Net Weight

1.19 lb (539.77 g)

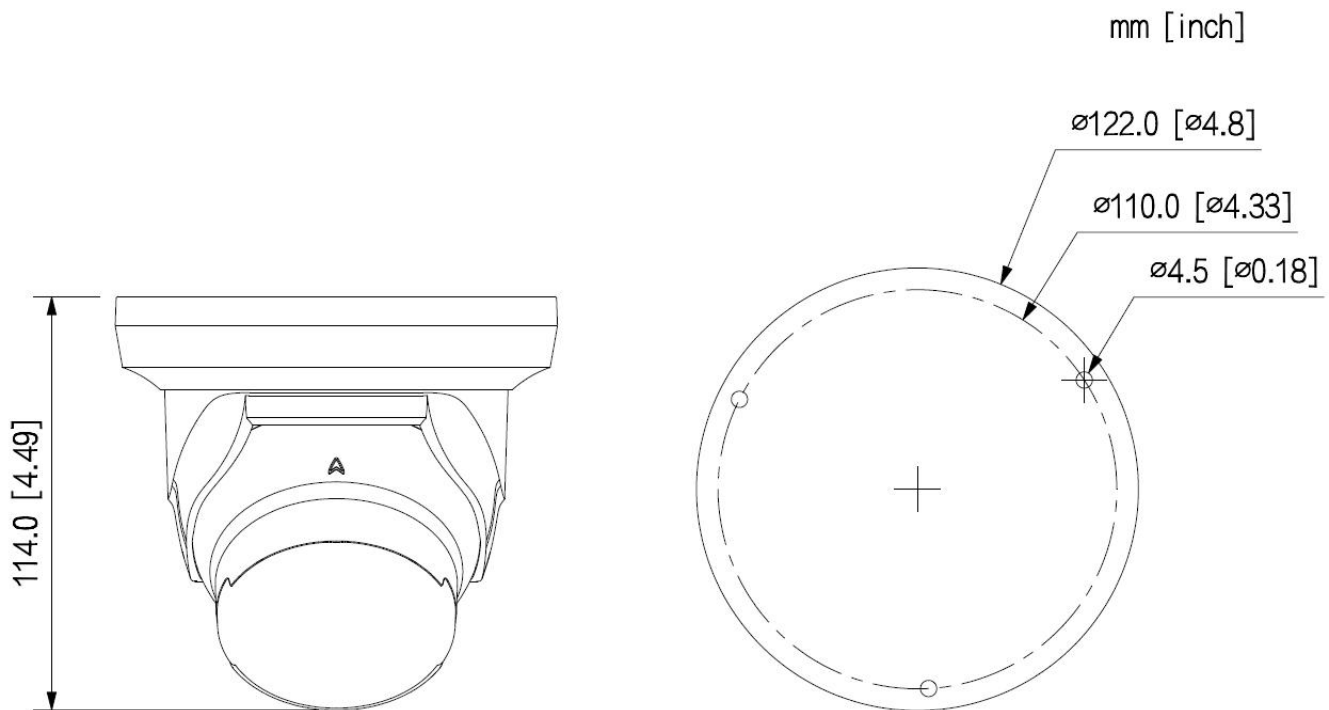
Gross Weight

1.57 lb (712.14 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

Corner Mount Bracket



P01

Pole Mount Bracket