



IP-8EB-F28-DPB

Professional Level TitanDeterrent

8MP TitanDeterrent Fixed Turret
Network Camera



- Up to 20 fps @ 8MP (3840*2160)
- 1/2.7" CMOS image sensor
- Minimum Illumination 0.007 Lux @ F1.6 (Color), 0.0007 Lux @ F1.6 (B/W)
- Built-in 1x warm white light and 1x IR light, with illumination distance up to 100 ft
- H.265/H.264 Video Compression
- 120 dB True WDR, 3D NR, HLC, BLC
- Video Content Analytics with AI-based Line Crossing and Intrusion
- Intelligent Motion Detection focused on Human and Vehicle
- Built-in Microphone and Speaker with Audio Linkage support
- Built-in microSD card slot, up to 256 GB
- 12 VDC and PoE power supply
- IP67 water & dustproof protection rating

SPECIFICATION

Camera

Image Sensor	1/2.7" CMOS
Min. Illumination	0.007 Lux @ F1.6 (Color), 0.0007 Lux @ F1.6(B/W)
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	Auto/Color/B/W
Angle Adjustment	Pan and Rotation: 0°-360° Tilt: 0°-78°
Lens Type	Fixed-focal 2.8mm@F1.6
Iris Type	Fixed
Field of View	Horizontal: 112.3°, Vertical: 58.7°, Diagonal:



135.2°

Close Focus Range

3.61 ft (1.1 m)

DORI

Detect: 208.01 ft (63.3 m)

Observe: 82.35 ft (25.2 m)

Recognize: 40.68 ft (12.3 m)

Identify: 20.34 ft (6.1 m)

Illuminators

1 x Warm white Light, 1 x IR Light

Illumination Range

Up to 100 ft (30.48 m)

Illuminator Control

Auto, Manual, Off

Video

Video Compression

H.265; H.264; MJPEG (Sub Stream Only)

Smart Codec

Supported

Resolution

8MP (3840*2160), 6MP (3072*2048), 5MP (3072*1728), 5MP (2880*1620), 4MP (2688*1520), 3MP (2048*1536), 3MP (2304*1296), 1080P (1920*1080), 1.3MP (1280*960), 720P (1280*720), D1 (704*480), VGA (640*480), CIF (352*240)

Maximum Frame Rate

Main stream: 3840*2160 at 20 fps,
2688*1520 at 30 fps

Sub stream: D1 (704*480) at 30 fps

Video Stream

2 streams

Bit Rate Control

CBR, VBR

Video Bit Rate

H.264: 3 kbps to 8192 kbps H.265: 3 kbps to 8192 kbps



ROI	Supported (4 areas)
Image Rotation	0°, 90°, 180° and 270° (90° and 270° only for 2688*1520 resolution and lower)
Mirror	Supported
Privacy Mask	Supported (4 areas)

Audio

Built-in MIC	Yes
Built-in SPK	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, Voltage Detection, Security Exception
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Network

Protocol	IPv4, IPv6, DNS, TCP, UDP, DHCP, HTTP, HTTPS, 802.1X, RTSP, DDNS, P2P, SMTP, RTMP, UPnP, 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
Storage	FTP, SFTP, Micro SD card (support max. 256 GB)
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

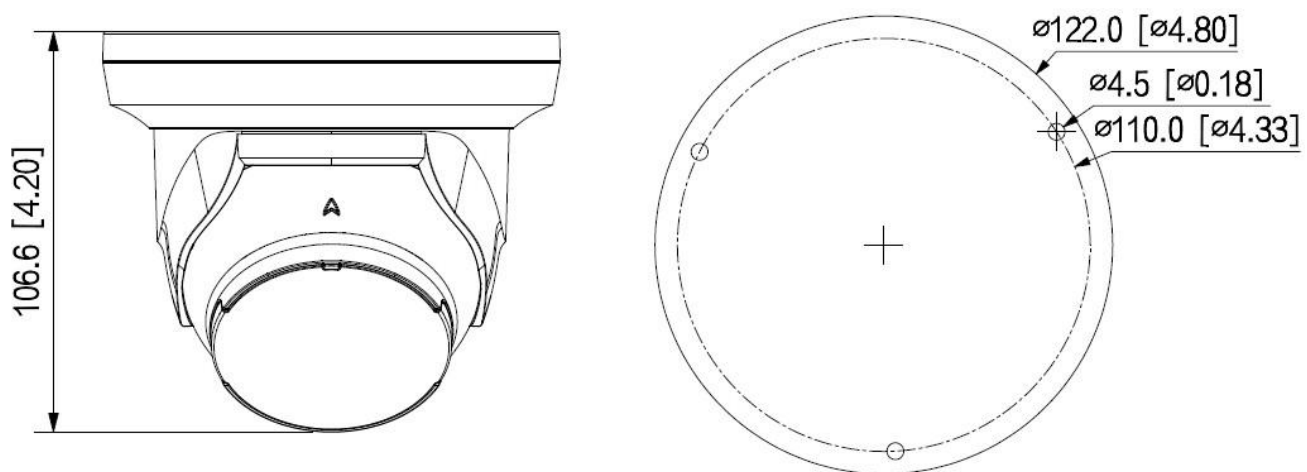
Power Supply	12 VDC / PoE (802.3af)
Power Consumption	12 VDC: Max 6.9 W, Typical 2.5 W / PoE: Max 8.2 W, Typical 3.2 W
Housing	Metal
Dimensions	Φ4.84"*3.74" (Φ123.0 mm*94.9 mm)
Dimensions With Box	5.83"×5.47"×5.39" (148 mm×139 mm×137 mm) (L*W*H)
Operating Conditions	-40°F to +140°F (-40°C to +60°C)/less than 95% RH
Storage Conditions	-40°F to +140°F (-40°C to +60°C)
Protection Grade	IP67



Net Weight	1.14 lb (517.10 g)
Gross Weight	1.50 lb (680.39 g)
Certification	FCC

Dimension

mm [inch]



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