



IP-5EB-F28-DPB

Professional Level TitanDeterrent

5MP TitanDeterrent Fixed Turret
Network Camera



- Up to 20 fps @ 5MP (2960 × 1688)
- 1/2.7" CMOS image sensor
- Minimum Illumination of 0.007 Lux @ F1.6 (Color), 0.0007 Lux @ F1.6 (B/W)
- Built-in 1x warm white light and 1x IR light with max. illumination distance of 100 ft
- H.265/H.264 video compression supported
- 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
- Two-way Talk with built-in Microphone and Speaker
- Built-in microSD card slot, up to 256 GB
- 12 V DC 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 2.8 mm@F1.6
Iris Type	Fixed
Field of View	Horizontal: 111°, Vertical: 58°, Diagonal: 132°



Close Focus Range	3.61 ft (1.1 m)
DORI	Detect: 208.01 ft (63.4 m) Observe: 82.35 ft (25.1 m) Recognize: 40.68 ft (12.4 m) Identify: 20.34 ft (6.2 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	5MP (2960 * 1668), 5MP (2880* 1620), 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)
Maximum Frame Rate	Main stream: 2960*1688 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: 32 kbps to 8192 kbps H.265: 12 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
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Privacy Mask	Supported (4 areas)
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Audio

Built-in MIC	Yes
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Built-in SPK	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, 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
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Storage	FTP, SFTP, Micro SD card (support max. 256
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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

Φ122.0 mm*106.6 mm
(Φ4.80"*4.20")

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

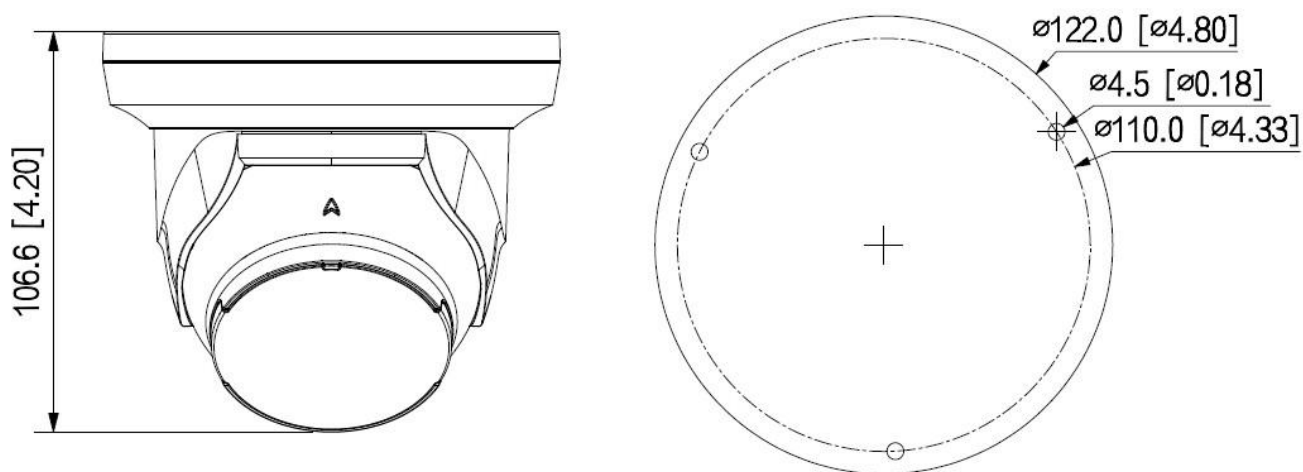
TBD

Gross Weight

TBD

Dimension

mm [inch]



ACCESSORIES



A01

Mount Adapter



W10

Wall Mount Bracket



W01

Wall Mount Bracket



W02

Wall Mount Bracket





E01

Ceiling Mount Bracket



C01

Corner Mount Bracket

J02

Junction Box



P01

Pole Mount Bracket

CJ11

IP66 Junction Box

P02

Pole Mount Bracket