



IP-4EB-F28-DSA(B)

Standard Level Smart Dual Light

4MP Standard SmartLight Fixed Turret
Network Camera



- Maximum 20 fps @ 4MP (2688 × 1520) resolution
- 1/2.9" CMOS image sensor
- Min. illumination 0.005 Lux @ F1.6 (Color), 0.0005 Lux @ F1.6 (B/W)
- Built-in 1× white light and 1× IR light, up to 100 ft illumination distance
- H.265/H.264
- 120 dB True WDR, 3D NR, HLC, BLC
- Video Content Analytics with Line Crossing and Intrusion by AI algorithm
- 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	1/2.9" CMOS
Min. Illumination	0.005 Lux @ F1.6 (Color), 0.0005 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: 95°, Vertical: 52°, Diagonal: 114°



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) IR, up to 100 ft (30.48 m) White Light
Illuminator Control	Auto, Manual, Off

Video

Video Compression	H.265; H.264; MJPEG (Sub Stream Only)
H.265/H.264	Supported
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)
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
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

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, Voltage

Detection, Security Exception

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

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
Audio I/O	1 x Input, 1 x Output
Alarm I/O	1 x Input (Max. 5 VDC, 5 mA), 1 x Output (Max. 12 VDC, 300 mA)
Reset Button	Supported

General

Power Supply	12 VDC / PoE (802.3af)
Power Consumption	12 VDC: Max 6.6 W, Typical 2.4 W / PoE: Max 7.9 W, Typical 3 W
Housing	Metal
Dimensions	Φ122.0 mm*111.8 mm (Φ4.80"*4.4")
Dimensions With Box	5.83"×5.47"×5.39" (148 mm×139 mm×137 mm) (L*W*H)
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	1.20 lb (543 g)



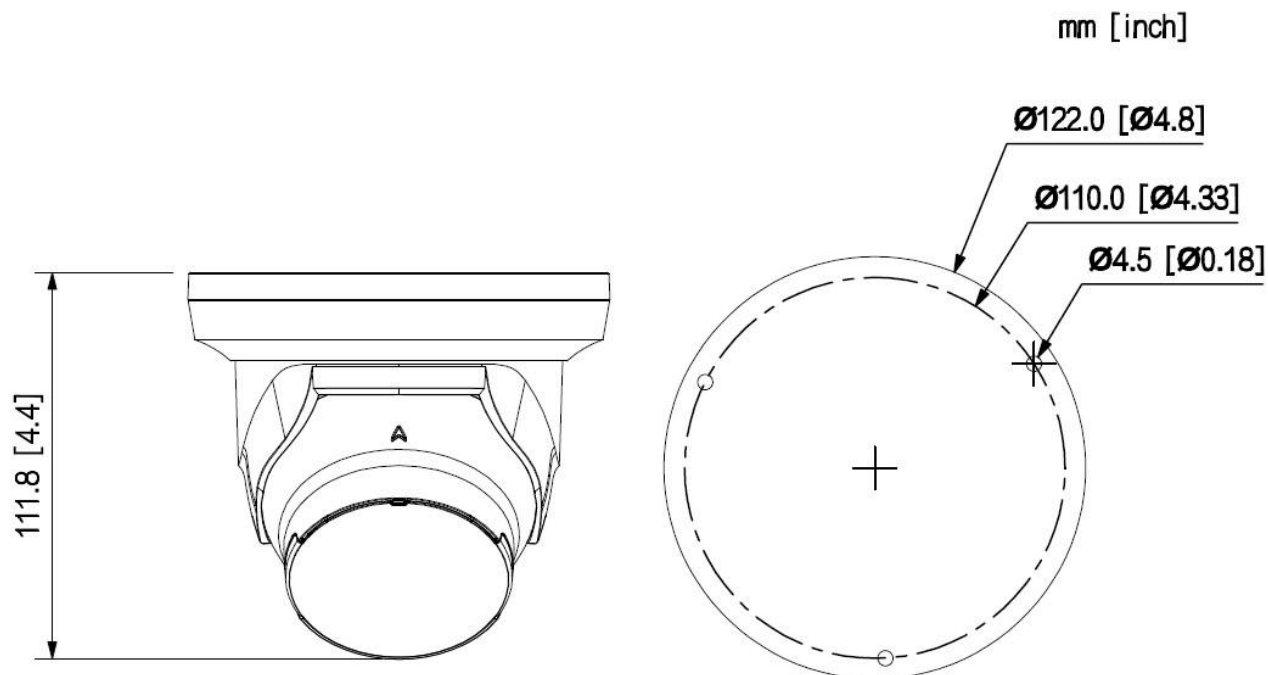
Gross Weight

1.56 lb (710 g)

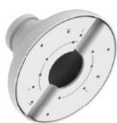
Certification

FCC, IC

Dimension



ACCESSORIES



PIC-A01

Mount Adapter



PIC-W10

Wall Mount Bracket



PIC-W01

Wall Mount Bracket



PIC-W02

Wall Mount Bracket



PIC-E01



PIC-J02



PIC-CJ11



PIC-P01



Ceiling Mount Bracket

Junction Box

IP66 Junction Box

Pole Mount Bracket



PIC-C01

Corner Mount Bracket



PIC-P02

Pole Mount Bracket