



IP-8BL-F28-DPA

Professional Level TitanSight

8MP TitanSight Fixed Bullet Network
Camera



- Up to 20 fps @ 8MP (3840 × 2160)
- 1/1.8" CMOS large image sensor
- Min. Illumination 0.0003 Lux @ F1.0
- AI-ISP technology effectively handles image color inconsistencies
- Built-in 4x warm white lights with max. illumination distance of 164.04 ft
- Video Content Analytics with AI-based Line Crossing and Intrusion
- Intelligent Motion Detection focus on Human and Vehicle
- Built in Microphone
- 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	1/1.8" 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°-90°
Lens Type	Fixed-focal 2.8mm@F1.0
Iris Type	Fixed
Field of View	Horizontal: 110°, Vertical: 59°, Diagonal: 131° v



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 (2.56 m)
Illuminators	4x White Lights
Illumination Range	Up to 164.04 ft (50 m)
Illuminator Control	Auto, Manual, Off

Video

Video Compression	H.265, H.264, MJPEG (Sub Stream Only)
Smart Codec	Supported
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)
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
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, ACC

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
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Web Browser	Chrome, Firefox
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Client	PC client: TitanViewer Mobile APP: TitanViewer
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Interface

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

Power Supply	12 VDC / PoE (802.3af)
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Power Consumption	12 VDC: Max 6.1 W, Typical 2.3 W / PoE: Max 7.4 W, Typical 3.2 W
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Housing	Metal
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Dimensions	8.67" × 3.44" × 3.1" (220.1 mm × 87.4 mm × 78.8 mm) (L × W × H)
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Operating Conditions	-40°C to +60°C (-40°F to +140°F)/less than 95% RH
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Storage Conditions	-40°C to +60°C (-40°F to +140°F)
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Protection Grade	IP67
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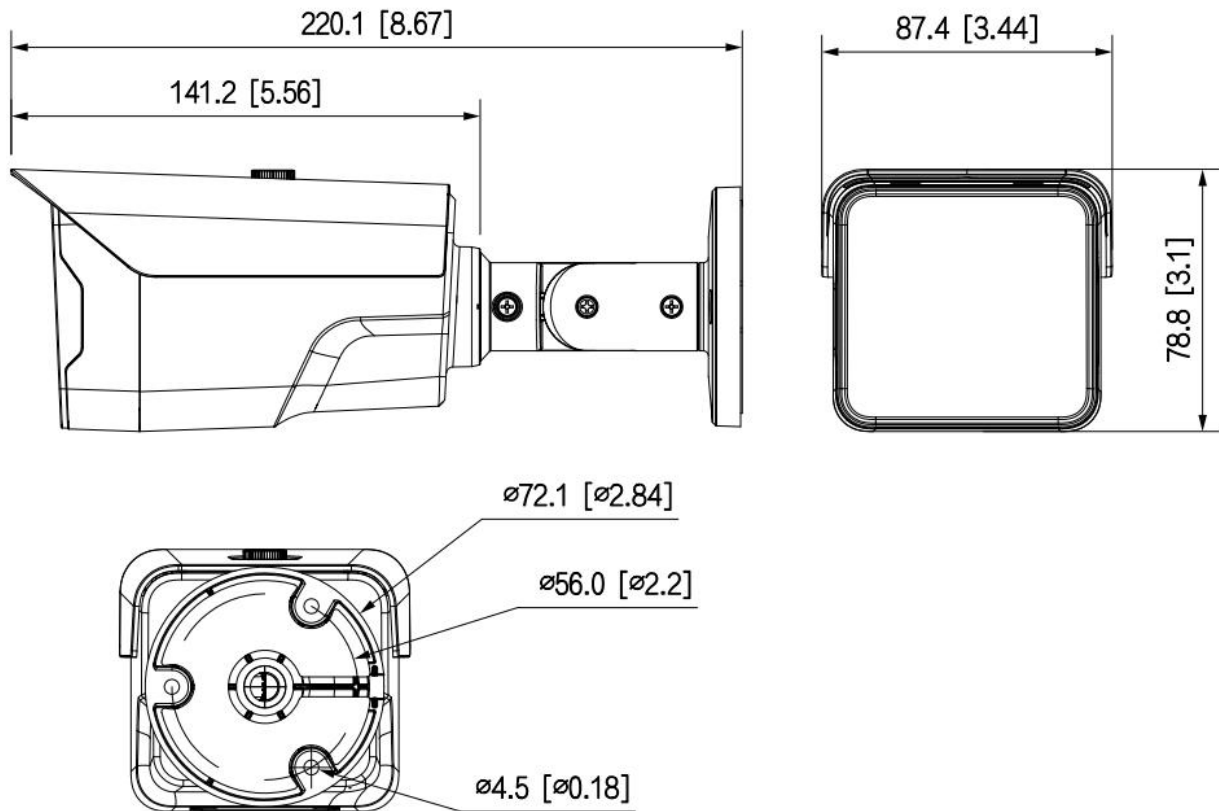
Net Weight	1.43 lb (648.64 g)
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Gross Weight	1.918 lb (869.99 g)
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Certification	FCC, IC
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Dimension

mm [inch]



ACCESSORIES



J01

Junction Box



A05

G3/4" Water Joint



P02

Pole Mount Bracket



C01

Corner Mount Bracket





AC09

Gang Box