



IP-4BL-F28-DPA

Professional Level TitanSight

4MP TitanSight Fixed Bullet Network
Camera



- Up to 20 fps @ 4MP (2688 × 1520)
- Large 1/1.8" CMOS image sensor
- Min. illumination 0.0003 Lux @ F1.0
- AI-ISP technology that effectively handles image color inconsistencies
- Built-in 4x warm white lights, with max. illumination distance of 150 ft
- Video Content Analytics with AI-based Line Crossing and Intrusion
- Intelligent Motion Detection focused on Human and Vehicle
- Built-in MIC
- Built-in microSD card slot, up to 256 GB
- 12 V DC and PoE power supply
- IP67 water & dustproof 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	> 50 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 2.8 mm@F1.0
Iris Type	Fixed
Field of View	Horizontal: 112°, Vertical: 60°, Diagonal: 134°
Close Focus Range	6.56 ft (2 m)



DORI

Detect: 189.30 ft (57.7 m)

Observe: 75.46 ft (23.0 m)

Recognize: 37.40 ft (11.4 m)

Identify: 18.37 ft (5.6 m)

Illuminators	4x Warm White Lights
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Illumination Range	Up to 150 ft (45.72 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	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)
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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
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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: 3 kbps to 6144 kbps H.265: 3 kbps to 6144 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)

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
Web Browser	Chrome, Firefox
Client	PC client: NexViewer

Interface

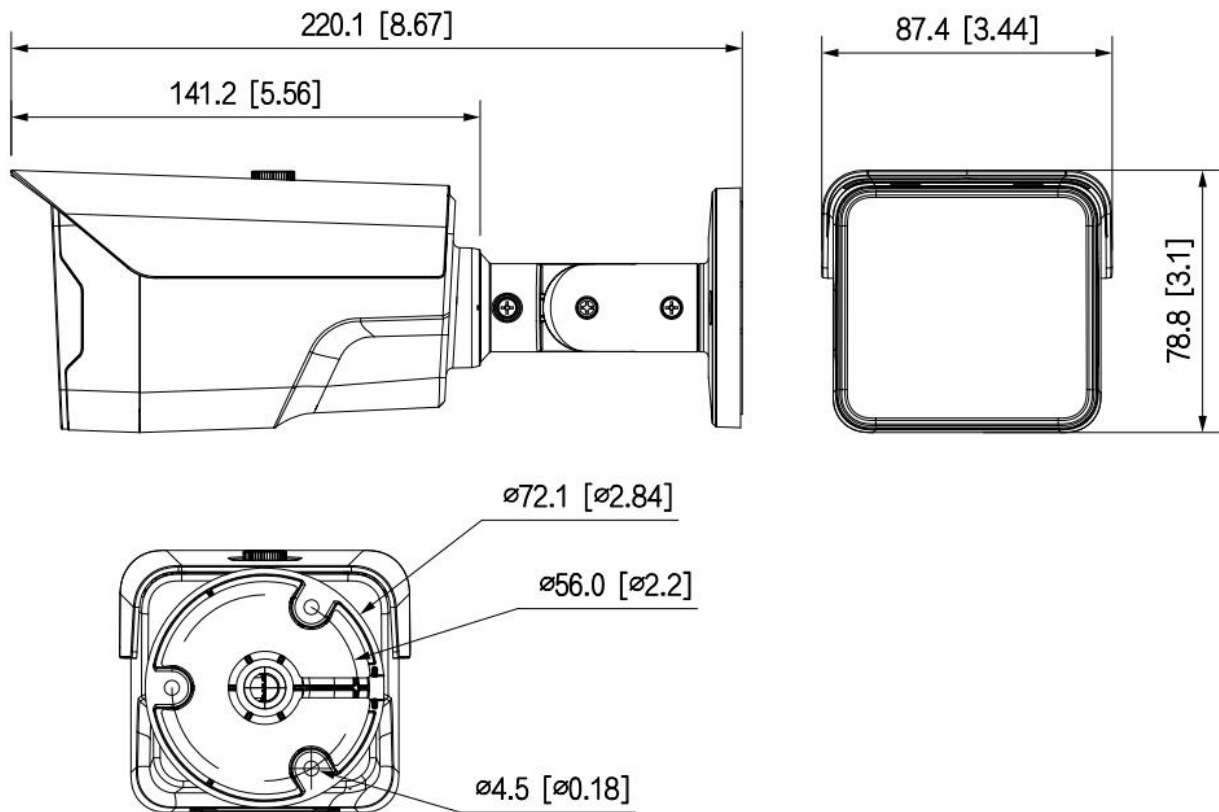
Network port	RJ-45 (10/100 Base-T)
Micro SD Card Slot	Yes
Reset Button	Supported

General

Power Supply	12 VDC / PoE (802.3af)
Power Consumption	12 VDC: Max 5.5 W, Typical 2.0 W / PoE: Max 7.2 W, Typical 3.0 W
Housing	Metal
Dimensions	8.67" × 3.44" × 3.1" (220.1 mm × 87.4 mm × 78.8 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	1.425 lb (646.37 g)
Gross Weight	1.955 lb (886.77 g)
Certification	FCC, IC

Dimension

mm [inch]



ACCESSORIES



J01

Junction Box



A05

G3/4" Water Joint



P02

Pole Mount Bracket



C01

Corner Mount Bracket



AC09



Gang Box