



IP-8BL-F28-DSA

Standard Level SmartLight

8MP Standard SmartLight Fixed Bullet
Network Camera



- Max.8MP Resolution at 20 fps
- 1/2.7" CMOS image sensor
- Min. Illumination 0.007 Lux at F1.6 (Color), 0.0007 Lux at F1.6(B/W)
- Built-in warm white lights and IR lights, and the max. illumination distance is 100 ft
- Video Content Analytics with Line Crossing and Intrusion
- Intelligent Motion Detection focus on Human and Vehicle
- Built in MIC
- Built-in Micro SD card slot, up to 256 GB
- 12V DC and PoE power supply
- IP67 water & dustproof protection rating

SPECIFICATION

Camera

Image Sensor	1/2.7" CMOS
Min. Illumination	0.007 Lux at F1.6 (Color), 0.0007 Lux at 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	Color/B/W
Angle Adjustment	Pan and Rotation: 0°-360° Tilt: 0°-90°
Lens Type	Fixed-focal 2.8mm at F1.6
Iris Type	Fixed
Field of View	Horizontal: 110°, Vertical: 58°, Diagonal: 132°



Close Focus Range	4.92 ft (1.5 m)
DORI	Detect: 277.23 ft (84.5 m) Observe: 110.27 ft (33.6 m) Recognize: 54.46 ft (16.6 m) Identify: 27.23 ft (8.3 m)
Illuminators	2 x White Lights, 2 x IR Lights
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)
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: 8MP (3840*2160) at 20 fps, 4MP (2688*1520) at 30 fps Sub stream: D1 (704*576) at 30 fps
Video Stream	2 streams
Bit Rate Control	CBR, VBR
Video Bit Rate	H.264: 3kbps to 8192kbps H.265: 3kbps to 8192kbps



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, 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, 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: TitanSIS Viewer Mobile APP: TitanSIS Viewer
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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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Audio I/O	1 x Input, 1 x Output
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Alarm I/O	1 x Input (Max. 5 VDC, 5 mA), 1 x Output (Max. 12 VDC, 300 mA)
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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 5.5W, Typical 2.0W / PoE: Max 7.2W, Typical 3.0W
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Housing	Metal
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Dimensions	8.67" x 3.44" x 3.1" (220.1 mm x 87.4 mm x 78.8 mm) (L*W*H)
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Dimension With Box	9.88" x 5.35" x 4.41"(251mm x 136 mm x 112 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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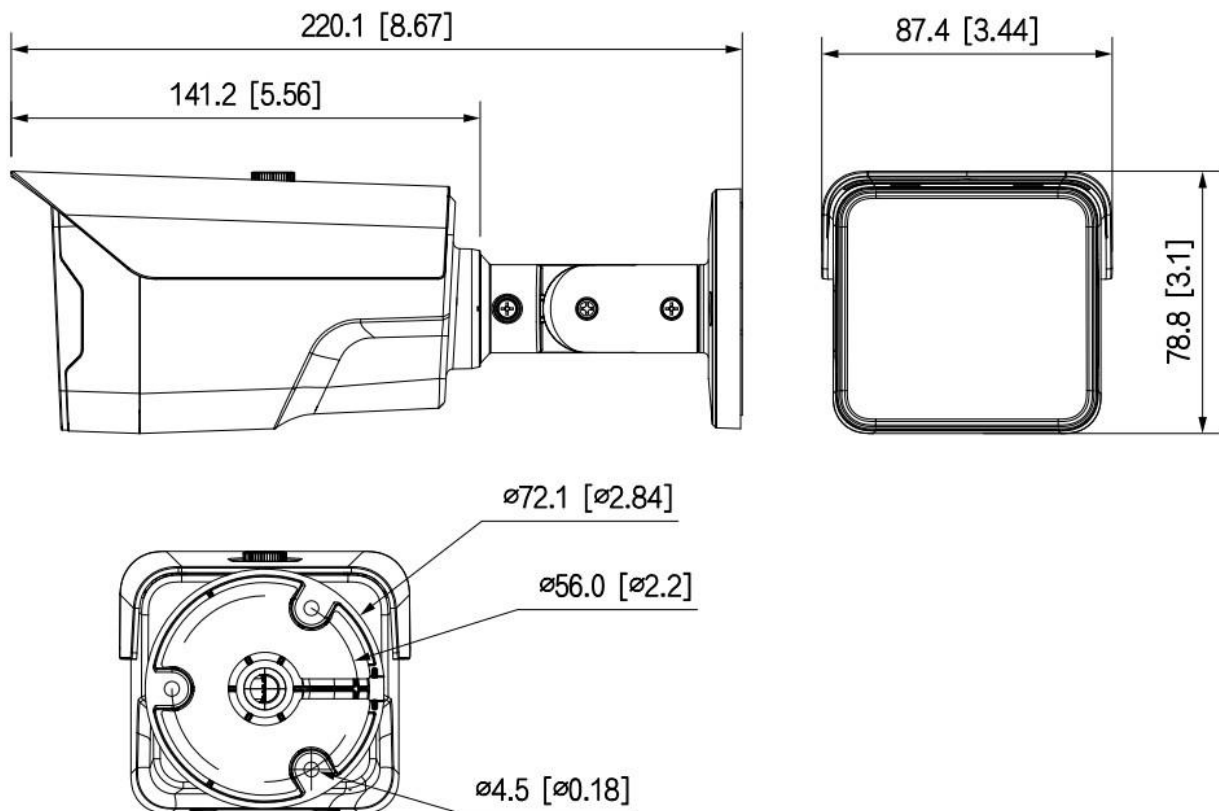
Storage Conditions	-40°C to +60°C (-40°F to +140°F)
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Protection Grade	IP67
Net Weight	1.33lb (602g)
Gross Weight	1.81lb (821g)
Certification	FCC, IC

Dimension

mm [inch]



ACCESSORIES



J01

Junction Box



A05

G3/4" Water Joint



P02

Pole Mount Bracket



C01

Corner Mount Bracket



AC09

Gang Box