TitanSIS

NDAA COMPLIANT

IP-8BL-MVF-DSA

Standard Level SmartLight

8MP Standard SmartLight Vari-Focal Bullet Network Camera

(303) 680-6630 | info@titansis.com
99 Inverness Dr. E. Ste#180 Englewood, CO 80112-5122, USA

- Max. 8MP Resolution, up to 20 fps @ 8MP
- Min. Illumination 0.007 Lux @ F1.5 (Color), 0.0007 Lux @ F1.5 (B/W)
- Built-in warm white lights and IR lights, illumination distance up to 200 ft (60.96 m)
- 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 & dust-proof protection rating

SPECIFICATION

Camera	
Image Sensor	1/2.7" CMOS
Min. Illumination	0.007 Lux @ F1.5 (Color), 0.0007 Lux @ F1.5 (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 (ICR)/Color/B/W
Angle Adjustment	Pan and Rotation: 0°- 360° Tilt: 0°- 90°
Lens Type	Motorized Vari-Focal, 2.7-13.5mm at F1.5
Iris Type	Auto
Field of View	Horizontal: 114°–32°

	Vertical: 58° - 17° Diagonal: 138° - 36°
Close Focus Range	2.62 ft (0.8 m)
DORI	Detect: 278.87 ft – 916.99 ft (85.0 m – 279.5 m) Observe: 111.22 ft – 366.80 ft (33.9 m – 111.8 m) Recognize: 55.45 ft – 183.07 ft (16.9 m – 55.8 m) Identify: 27.23 ft – 91.21 ft (8.3 m – 27.8 m)
Illuminators	2 x White Lights, 2 x IR Lights
Illumination Distance	Up to 200 ft (60.96 m) IR, up to 200 ft (60.96 m) White Light
Illuminator Control	Auto, Manual, Off, Zoom Priority

Video	
Video Compression	H.265; H.264; MJPEG (Only supported by the sub stream)
Smart Codec	H.265+; H.264+
Resolution	8MP (3840*2160), 6MP (3072*2048), 5MP (3072*1728), 5MP (2880*1620), 4MP (2688*1520), 3M (2048*1536), 3MP (2304*1296), 1080P (1920*1080), 1.3MP (1280*960), 720P (1280*720), D1 (704*480), VGA (640*480), CIF (352*240)
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: 3 kbps to 8192 kbps H.265: 3 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, Offline, IP conflict, Voltage Detection, Security Warning

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, microSD card (support max. 256 GB), NAS
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

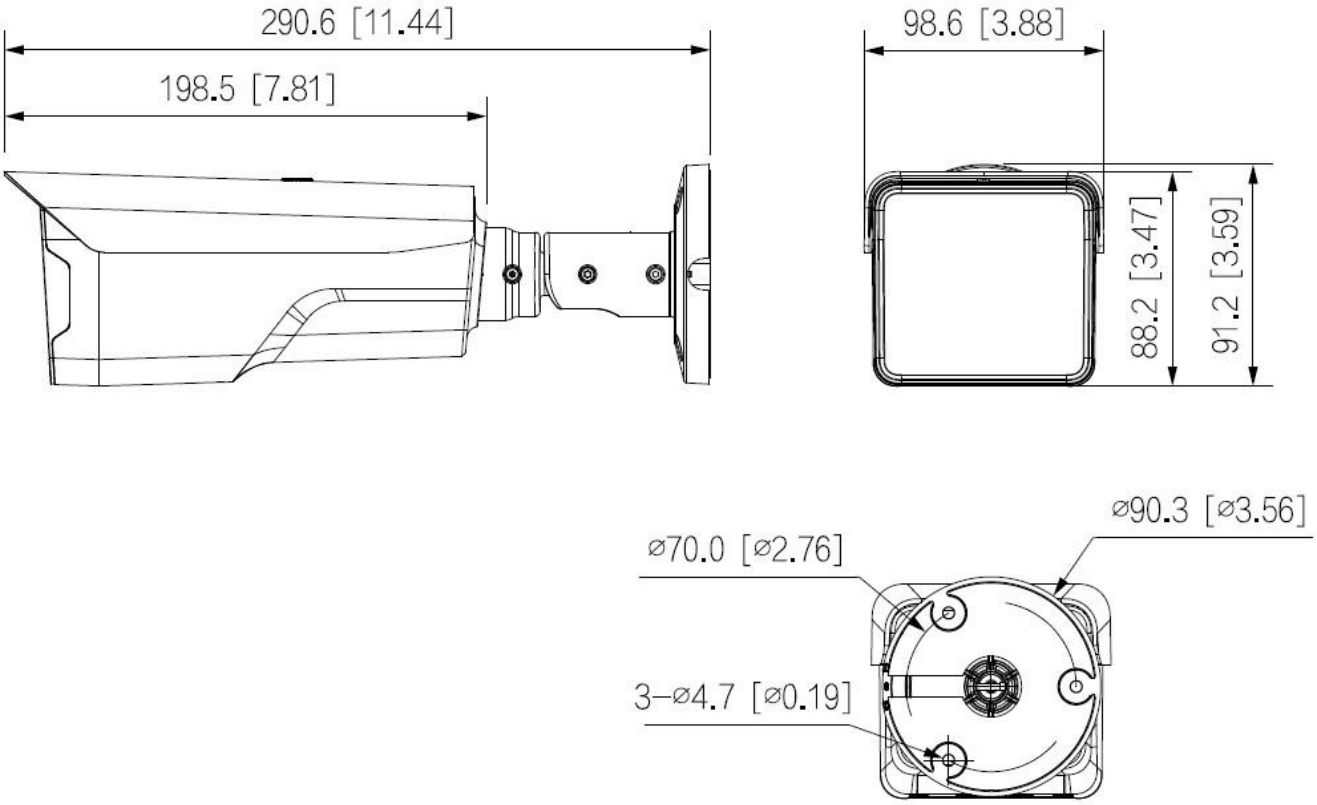
General

Power Supply	12 VDC / PoE (802.3af)
Power Consumption	12 VDC: Max 6.9 W, Typical 2.6 W / PoE: Max 8.3 W, Typical 3.3 W
Housing	Inner core: Metal, Cover: Metal, Decoration ring: Plastic
Dimensions	11.44" × 3.88" × 3.59" (290.6 mm × 98.6 mm

	× 91.2 mm) (L × W × H)
Dimension With Box	14.5" × 5.83" × 5.47" (369 mm × 148 mm × 139 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 , IK10
Net Weight	2.4 lb (1.08 kg)
Gross Weight	3.0 lb (1.35 kg)
Certification	FCC, IC

Dimension

mm [inch]



ACCESSORIES

J01

Junction Box

A05

G3/4" Water Joint

P02

Pole Mount Bracket

C01

Corner Mount Bracket

AC09

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Gang Box

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