



IP-4BL-F28-DSA

Standard Level Smart Dual Light

4MP Dual light Standard Fixed Bullet
Network Camera



- Max.4MP Resolution
- Maximum 20fps at 4MP (2688*1520)
- 1/2.9" CMOS image sensor
- Min. Illumination 0.005 Lux at F1.6 (Color), 0.0005 Lux at F1.6(B/W)
- Built-in white lights and IR lights, and the max. illumination distance is 100 ft
- Video Content Analytics with Line Crossing and Intrusion by AI algorithm
- 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	1/2.9" CMOS
Min. Illumination	0.005Lux at F1.6 (Color), 0.0005 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	Auto/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: 95°, Vertical: 52°, Diagonal: 114°



Close Focus Range	2.95 ft (0.9 m)
DORI	Detect: 208.00 ft (63.4 m) Observe: 82.68 ft (25.2 m) Recognize: 41.0 1ft (12.5 m) Identify: 20.67 ft (6.3 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	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 20fps, 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: 32kbps to 8192kbps H.265: 12 kbps 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, 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: TitanSIS Viewer Mobile APP: TitanSIS Viewer

Interface

Network port	RJ-45 (10/100 Base-T)
Micro SD card Slot	Yes
Alarm In and Out	1 x Input (Max. 5 VDC, 5 mA), 1 x Output (Max. 12 VDC, 300 mA)
Audio In and Out	1×Input;1×Output
Reset Button	Supported

General

Power Supply	12 VDC / PoE (802.3af)
Power Consumption	12 VDC: Max 5.5W, Typical 2.0W / PoE: Max 7.2W, Typical 3.0W
Housing	Metal
Dimension	8.67" x 3.44" x 3.1"(220.1 mm x 87.4 mm x 78.8 mm) (L*W*H)
Dimension With Box	9.88" × 5.35" × 4.41"(251mm × 136 mm × 112 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	1.33lb (602g)

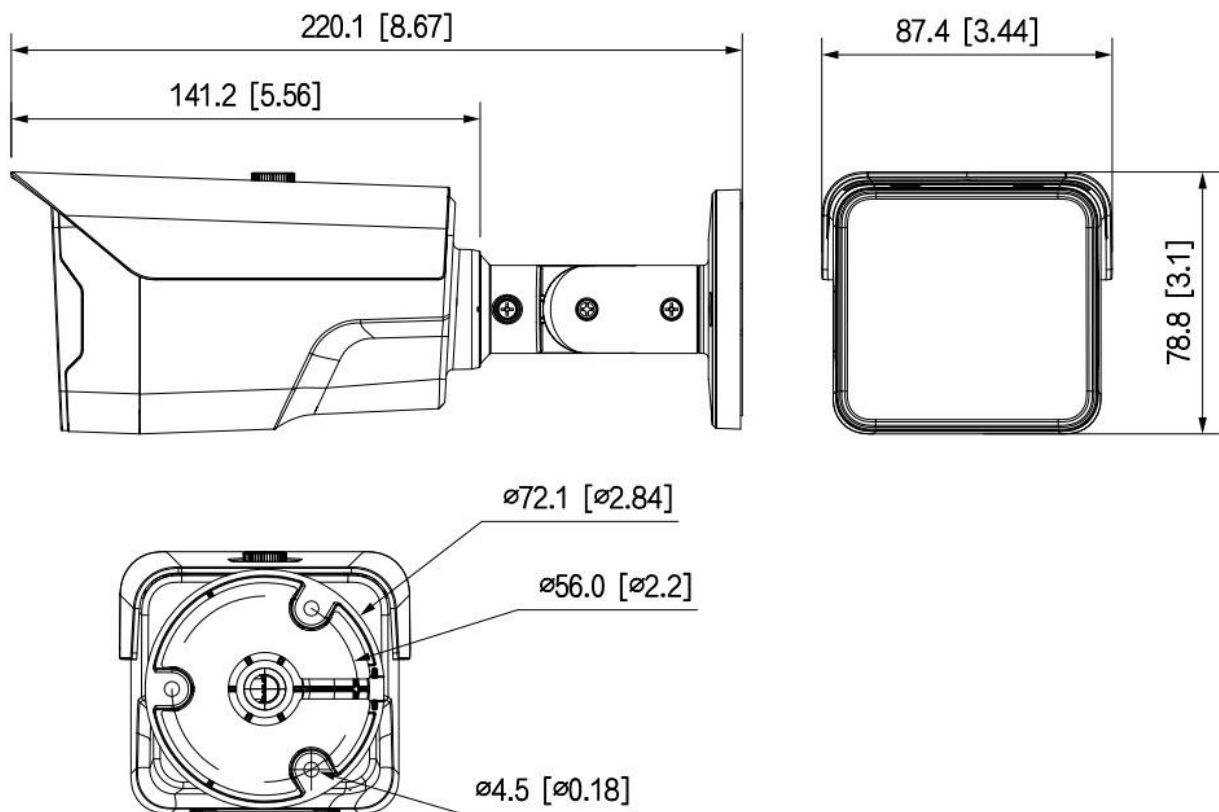


Gross Weight 1.81lb (821g)

Certification FCC, IC

Dimension

mm [inch]



ACCESSORIES



J01



A05



P02



C01



Junction Box

G3/4" Water Joint

Pole Mount Bracket

Corner Mount Bracket



AC09

Gang Box