IP-4WD2-F28-DSA

Standard Level Project

2 x 4MP Dual-directional Fixed Network Camera

(303) 680-6630 | info@titansis.com
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- Up to 2 × 4MP Resolution
- Up to 20 fps @ 4MP (2688 × 1520)
- 1/2.7" CMOS Large Image Sensor
- Min. Illumination: 0.0007 Lux @ F1.6 (B/W)
- Built-in 2 × 2 IR lights with max. illumination distance of 100 ft
- Video Content Analytics with AI-based Line Crossing and Intrusion
- Intelligent Motion Detection focused on Human and Vehicle
- Built-in Microphone
- Built-in microSD card slot, up to 256 GB
- 12 V DC / PoE power supply
- IP67 water- and dustproof protection rating

SPECIFICATION

Camera	
Image Sensor	Dual 1/2.7" CMOS sensor
Min. Illumination	0.0007 Lux @ 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	For both cameras: Pan: –90° to 90°;Tilt: 0° to 55°;Rotation: 0° to 360°;
Lens Type	Fixed-focal 2.8 mm@F1.6
Iris Type	Fixed
Field of View	Horizontal: 101°, Vertical: 54°, Diagonal: 120°

Close Focus Range	3.61 ft (1.1 m)
DORI	Detect: 207.02 ft (63.1 m) Observe: 82.02 ft (25.0 m) Recognize: 41.01 ft (12.5 m) Identify: 20.67 ft (6.3 m)
Illuminators	4 x IR Lights
Illumination Range	Up to 100 ft (30.48 m)
Illuminator Control	Auto, Manual

Video

Video Compression	H.265, H.264, MJPEG (Sub Stream1 Only)
Smart Codec	Supported
Resolution	4MP (2688*1520), 4MP (2560*1440), 3MP (2304*1296), 3MP (2048 * 1536), 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 20 fps, 4MP (2560*1440) at 30 fps Sub stream: D1 (704*480) at 30 fps
Video Stream	3 streams
Bit Rate Control	ABR, CBR, VBR
Video Bit Rate	For both camerasH.264: 3 kbps to 10240 kbps;H.265: 3 kbps to 10240 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 Exception, Security Warning

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, NTP, 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 In and Out	1×Input;1×Output
Alarm In and Out	1 channel in: wet contact, 5 mA 3–5 VDC, 1 channel out: wet contact, 300 mA 12 VDC
Reset Button	Supported

General

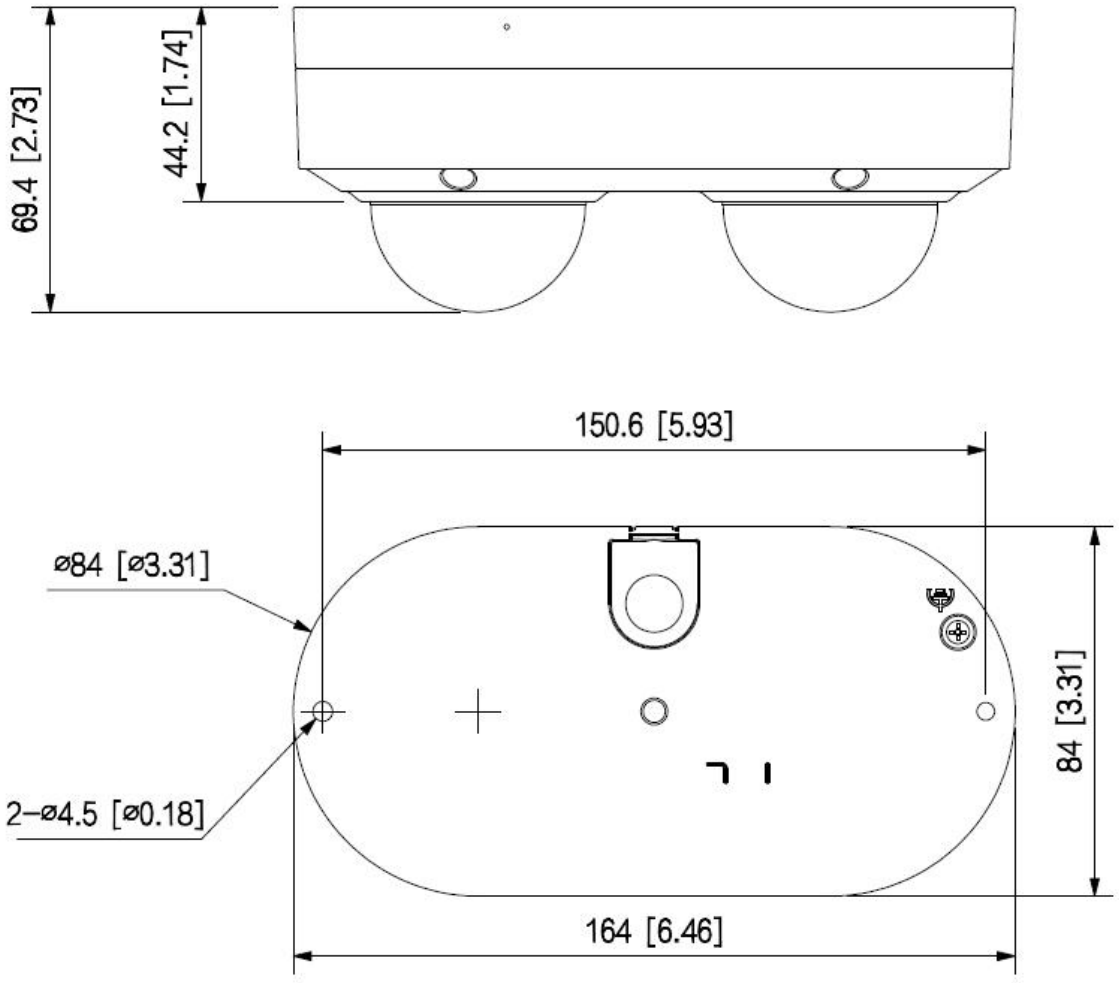
Power Supply	12 VDC / PoE (802.3af)
Power Consumption	12 VDC: Max 13 W, Typical 4.8 W / PoE: Max 15.9 W, Typical 6.5 W
Housing	Metal
Dimensions	6.46" × 3.31" × 2.73" (164 mm × 84 mm × 69.4 mm) (L × W × H)
Dimension With Box	8.07" × 4.76" × 3.98" (205 mm × 121 mm × 101 mm) (L ×W ×H)
Operating Conditions	-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	1.38 lb (624.65 g)

Gross Weight	1.82 lb (820.5 g)
Certification	FCC, IC

CAB-W08 Wall Mount Bracket

Dimension

mm [inch]



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ACCESSORIES

W09

Wall Mount Bracket

E04

Ceiling Mount Bracket

E05

Ceiling Mount Bracket

J09

Junction Box

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