



IP-4DM-F28-DSB

Standard Level SmartLight

4MP Standard SmartLight Fixed Wedge
Network Camera



- Up to 20 fps @ 4MP (2688 × 1520)
- 1/2.9" large CMOS image sensor
- Minimum Illumination of 0.007 Lux @ F1.6 (Color), 0.0007 Lux @ F1.6 (B/W)
- Built-in warm white and IR lights, with a maximum 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 and PoE power supply
- IP67-rated water and dust protection

SPECIFICATION

Camera

Image Sensor	1/2.9" CMOS
Min. Illumination	0.007 Lux @ F1.6 (Color), 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	Auto/Color/B/W
Angle Adjustment	Pan and Rotation: 0°-355° Tilt: 0°-80°
Lens Type	Fixed-focal 2.8 mm@F1.6
Iris Type	Fixed
Field of View	Horizontal: 95°, Vertical: 52°, Diagonal: 114°



Close Focus Range	3.61 ft (1.1 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 Warm white lights, 2 x IR lights
Illumination Range	Up to 100 ft (30.48 m)
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 20 fps, 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: 32 kbps to 6144 kbps H.265: 12 kbps to 6144 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.711M

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: 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 7.1 W, Typical 2.3 W / PoE: Max 8.5 W, Typical 2.8 W
Housing	Metal
Dimensions	Φ4.29" x 2.17" (Φ108.9 mm x 55.0 mm)
Dimensions With Box	5.39"×5.39"×3.43" (137 mm × 137 mm × 87 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	0.8 lb (362.87 g)



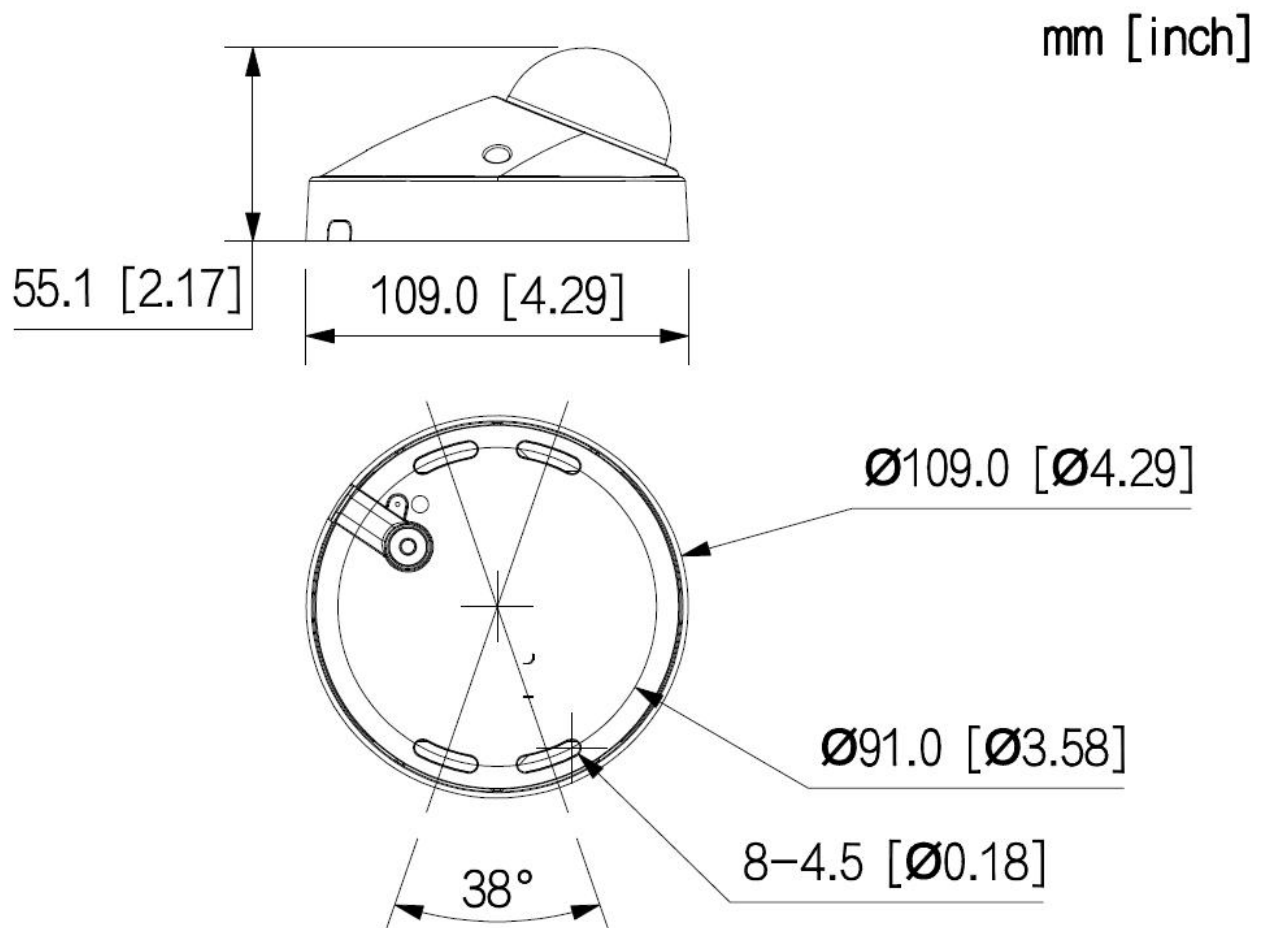
Gross Weight 1.2 lb (544.31 g)

Certification FCC, IC

CAJ-B03 Junction Box CAP-C07

Adapter Plate

Dimension



ACCESSORIES



A06

Mount Adapter



W05

Wall Mount Bracket



W02

Wall Mount Bracket



E01

Ceiling Mount Bracket



J05

Junction Box



P02

Pole Mount Bracket



C01

Corner Mount Bracket



P01

Pole Mount Bracket