

TECHNICAL PRODUCT SHEET

TDODIM4302S

4MP HD Vandal-resistant IR Fixed Dome Network Camera



Features

- High quality image with 4MP, 1/3"CMOS sensor
- 2.8mm@F1.6 Fixed Lens
- Ultra 265, H.265, H.264, MJPEG
- EasyStar technology ensures high image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Smart IR, up to 30m (98ft) IR distance
- Supports 256 G Micro SD card
- IK10 vandal resistant
- IP67 protection
- Support PoE power supply
- 3-Axis



Technical Specification

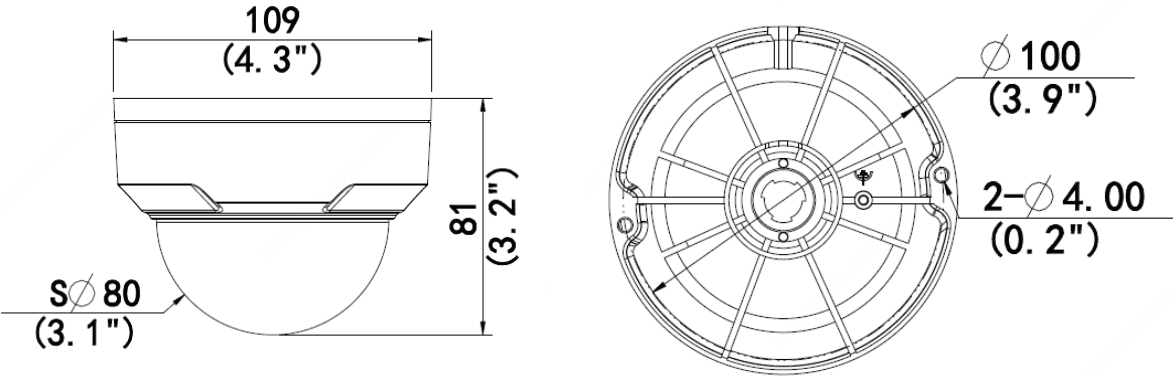
Camera					
Sensor	1/3 ", 4.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F1.6				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63 .0	25.2	12.6	6.3
Angle of view (H)	101.1 °				
Angle of View (V)	55.3 °				
Angle of View (O)	111.1 °				
Adjustment angle	Pan: 3 ° ~ 360°		Tilt: 0° ~ 68°		Rotate: 3 ° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Support Easystar: Colour: 0.003Lux (F1.6, AGC ON) 0Lux with IR				
Day/Night	IR -cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>56dB				
IR Range	Up to 30m (98ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Defog	Digital Defog				
WDR	120dB				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 4MP (2688*1520), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 2MP (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
Video Bit Rate	128 Kbps~16 Mbps				
9:16 Corridor Mode	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Image					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Digital noise reduction	2D/3D DNR				

Smart IR	Support ed
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
Dewarping	N/A
HLC	Supported
BLC	Supported
Smart	
Behavior Detection	Cross line, intrusion(based on human body detection)
	motion detection, tampering alarm
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, 802.1x, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	TDSS Guardian mobile
	TDSS GUARDIAN PC/MAC
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	Plug-in free live view: Chorme 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
Interface	
Network	10/100M Base-TX Ethernet
Certifications	
Certifications	CE: EN 60950-1
	UL: UL60950-1
	FCC: FCC Part 15
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 5.5W
Dimensions (Ø x H)	Φ109 x 81mm (Ø4.3" x 3.2")
Net Weight	0.35 kg (0.77 lb)
Material	Metal + P lastic
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
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Surge Protection	4 KV

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Ingress Protection	IP67
Vandal Resistant	IK10
Reset Button	N/A

Dimensions



Accessories

TR-JB03-G-IN



TR-JB07/WM03-G-IN



TR-UM06-E-IN

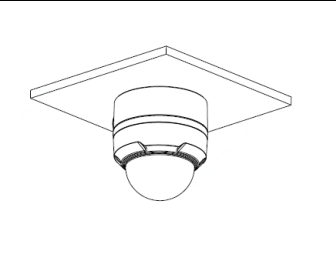
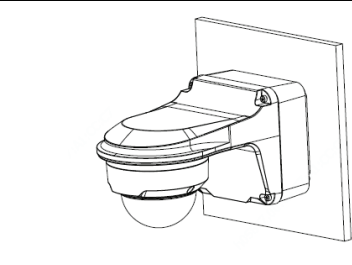
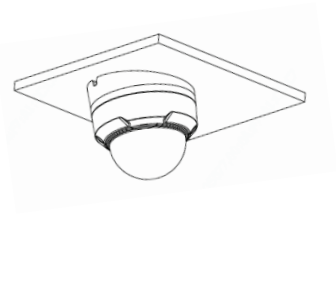
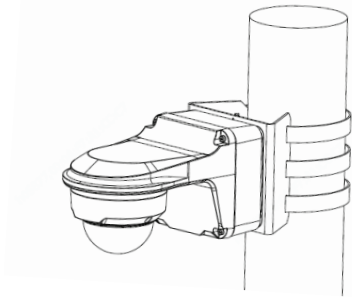


TR-UP06-IN



TR-A01-IN



Junction Mount	Pole Mount
TR-JB03-G-IN	TR-JB07/WM03-G-IN
	
TR-UM06-E-IN	TR-JB07/WM03-G-IN+TR-UP06-IN
	
TR-CM24-IN+TR-JB03-G-IN	
	