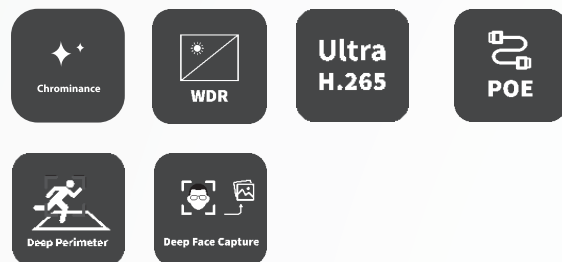


TECHNICAL PRODUCT SHEET

TDPTZ2MP33IR-M-AI

2MP 33x Chrominance Network PTZ Dome Camera



Features

OPTICS

- 33x optical zoom
- Smart IR, up to 150m (492 ft) IR distance
- 120 dB true WDR

SMART

- Face capture
- Automatic selection of best snapshots
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection

COMPRESSION

- Ultra 265, H.265, H.264, MJPEG
- Five streams
- 1920*1080@60fps in the main stream
- ROI (Region of Interest)

NETWORK

- ONVIF Conformance

STRUCTURE

- AC 24V±25%, DC 24V±25% or PoE power supply
- Micro SD, up to 256 GB
- Alarm 2 in and 1 out, Audio 1 in and 1 out
- 6KV surge protection designed for network interface
- IP66 ingress protection

TDPTZ2MP33IR-M-AI

Technical Specification

Camera					
Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS				
Lens	4.5 ~ 148.5mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	33				
Iris	Auto/Manual; F1.5 ~ F4.0				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4.5	72.9(239.3ft)	29.2(95.7ft)	14.6(47.9ft)	7.3(23.9ft)
	148.5	2187.9 (7178.3ft)	875.2(2871.3ft)	437.6(1435.7ft)	218.8(717.8ft)
Angle of View (H)	56.2° ~ 2.6°				
Angle of View (V)	33.5° ~ 1.4°				
Angle of View (O)	65.4° ~ 3.0°				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Min. Illumination	Colour: 0.001 Lux (F1.5, AGC ON) 0 Lux with IR				
WDR	120dB				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 150m (492 ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Defog	Digital Defog				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
Frame Rate	Main Stream: 2MP(1920*1080),Max 60fps; Sub Stream: 2MP (1920*1080), Max 60fps; Third Stream: D1 (720*576), Max 60fps; Fourth Stream: D1 (720*576), Max 60fps; Fifth Stream: D1 (720*576), Max 60fps;				
Video Bit Rate	128 Kbps~16 Mbps				
ROI	Supported				
Video stream	Five streams				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 24 areas				
Image					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Digital noise reduction	2D/3D DNR				
Smart IR	Support				
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise				
HLC	Support				
BLC	Support				
Smart					
Behavior Detection	Support false alarm filtering: Line crossing detection, Intrusion detection, Region entrance detection, Region exit detection; Motion detection;				
Recognition	Face capture, Audio detection				

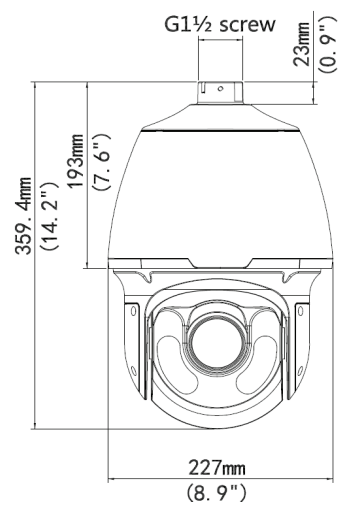
TDPTZ2MP33IR-M-AI

General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U,G.711A
Two-way Audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR,NAS(NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP
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
Pan & Tilt	
Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 240°/s
	Preset speed: 300°/s
Tilt Range	-15° ~ 90° (auto reverse)
Tilt Speed	0.1° ~ 160°/s
	Preset speed: 240°/s
Number of Presets	1024
Patrol	Preset patrol, route patrol, recorded patrol
Home Position	Supported
Interface	
Audio I/O	Audio cable
	1 Input: impedance 35kΩ; amplitude 2V [p-p]
	1 output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1
Serial Port	1 RS485
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC, impedance 75Ω; amplitude 1V [p-p]
Certifications	
Certifications	IEC 62368-1 UL 60950-1 FCC Part 15 EN 55032:2015 EN 55024:2010 EN 61000-3-2:2014 EN 61000-3-3-2013
General	
Power	AC 24V±25%, DC 24V±25%, PoE (PSE Required)
	Power consumption: Max 48W
Dimensions (Ø x H)	Ø227 x 359.4mm (Ø8.9" x 14.2")

TDPTZ2MP33IR-M-AI

Weight	5.3kg(11.68lb)
Working Environment	-40°C~65°C(-40°F ~ 149°F), ≤95%RH
Storage Environment	-40°C~70°C(-40°F ~ 158°F), ≤95%RH
Surge protection	6KV
Vandal Resistant	N/A
Ingress Protection	IP66

Dimensions



TDPTZ2MP33IR-M-AI

Accessories

TR-WE45-IN



TR-JB12-IN

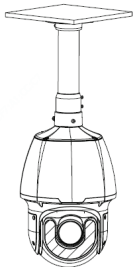
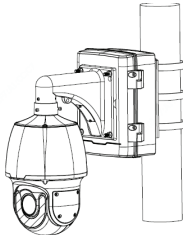
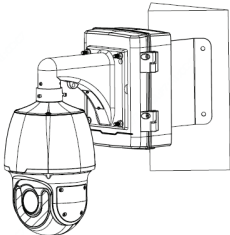


TR-UP08-A-IN/TR-UP08-B-IN



TR-UC08-A-IN/ TR-UC08-B-IN



Pendent Mount (Indoor Use)	Pole Mount
TR-CE45-IN	TR-UP08-A-IN/TR-UP08-B-IN + TR-JB12-IN
	
Corner Mount	/
TR-UC08-A-IN/ TR-UC08-B-IN+ TR-JB12-IN	/
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