

# TC-IPMD500P-ZV

## 5MP Motorized Varifocal Dome Network Camera

### Key Features

- 1/2.8" STARVIS™ CMOS
- Max. 5MP(2592 × 1944) @25/30 fps resolution
- 2.7 to 13.5 mm motorized lens
- True WDR, 3D DNR, ROI, HLC, BLC, Defog
- Support face, human, vehicle detection and capture
- Intelligent analytics: intrusion, single line crossing, double line crossing, loitering, wrong-way detection, smart motion detection, and people counting
- Smart IR distance up to 40 m
- Built-in micro SD card slot
- Internal termination, IP66, IK10 protection

Camera				
Image Sensor	1/2.8" Progressive Scan CMOS			
Max. Resolution	5MP, 2592H) × 1944(V)			
Electronic Shutter	Auto/Manual, 1/5 to 1/100,000s			
Min. illumination	Color: 0.03 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR			
Day & Night	IR cut filter			
Wide Dynamic Range	True WDR			
Angle Adjustment	Pan: 0° to 350°, Tilt: 0° to 80°, Rotation: 0° to 350°			
Lens				
Lens Type	Varifocal lens, Motorized focal			
Iris	Fixed Iris			
Focal Length	2.7 to 13.5 mm			
Max. Aperture	F1.6			
Field of View (FOV)	H: 93.8° to 26.9°, V: 68.3° to 20.1°			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
Wide (2.7 mm)	72 m (236.2 ft)	28.8 m (94.5 ft)	14.4 m (47.2 ft)	7.2 m (23.6 ft)
Tele (13.5 mm)	216 m (708.6 ft)	86.4 m (283.5 ft)	43.2 m (141.7 ft)	21.6 m (70.9 ft)
DORI (Detect, Observe, Recognize, and Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances.				
Illuminator				
Illuminator Type	IR			
Illumination Distance	Up to 40 m (131.2 ft)			
Illumination On/Off Control	Auto/Manual			
Intelligent Analytics				
Multi-Object Detection	Supports face, human, vehicle detection and capture			
Intelligent Analysis	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong-way, and Smart motion detection Support alarm triggering by specified target types (human and vehicle)			
People Counting	Support			
Video and Audio				
Streaming Capability	3 Streams			
Stream/Frame Rate	Stream1: 2592×1944, 2592×1520, 1920×1080, 1280×720 @25/30fps Stream2: D1, VGA, CIF @25/30fps Stream3: VGA, CIF, QVGA @25/30fps			
Bit Rate Control	CBR/VBR			
Bit Rate	Stream1: 200 Kbps to 12 Mbps Stream2: 100 Kbps to 6 Mbps Stream3: 100 Kbps to 3 Mbps			
Smart Encoder	Support			
Region of Interest (ROI)	Off/On (8 Zone, Rectangle)			
Audio Compression	G.711 A-law, G.711 μ-law, RAW PCM			
Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)			
Image				

Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Setting	Indoor, Outdoor, Mirror, Corridor Mode
Exposure Mode	Auto, Manual, Shutter priority
White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Day/Night Setting	Auto, Day, Night, Timer
Noise Reduction	2D/3D DNR
Image Enhancement	WDR, HLC, BLC, Defog
Privacy Masking	4 areas
<b>Event</b>	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Alarm Events	Alarm record, SMTP upload, FTP upload, Alarm output, Audible alarm output
<b>Network</b>	
Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast
Interoperability	ONVIF (Profile S/T/G/M), SDK, CGI
User/Host Level	Up to 10 users, 3 levels: Administrator, Operator, Media user
Security	IP address filter, encrypted HTTPS, Illegal login lock, IEEE 802.1x
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
<b>Interface</b>	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Input, 1ch Output
Alarm Interface	1ch Input, 1ch Output
SD Card Slot	Built-in, up to 256GB
Reset Button	Support
<b>General</b>	
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Power Supply	12 VDC (-10% to +25%)/PoE (802.3af)
Power Consumption	Max 7 W
Operating Temperature	-40°C to 55°C (-40°F to 131°F )
Operating Humidity	Less than 90% RH
Ingress Protection	IP66, IK10
Certifications	CE-EMC (EN 55032:2015+A11:2020, EN 55035:2017+A11:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-6-3:2007+A1:2011+AC:2012, EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1:2019) FCC (FCC 47 CFR 15, Subpart B, ANSI C63.4-2014)
Material	Aluminum alloy body, bubble: plastic
Dimensions	φ140.1 × 110.5 mm (φ5.51 × 4.35 inch)
Net Weight	0.73 kg (1.61 lb)

## Accessories

### Optional:



Junction Box



Pendant Cap



Ceiling Mount



Recessed Mount



Wall Mount



Wall Mount



Pole Mount



Corner Mount