TC-IPMT800P-CFV

8MP Full-color Turret Network Camera

Key Features

- 1/2.8" STARVIS™ CMOS

- Max. 8MP(3840 × 2160) @25/30 fps resolution

- 2.8 mm / 4 mm fixed lens optional

- 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

- Built-in warm lights, illumination distance up to 30m

- Built-in micro SD card slot

- IP66 protection

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	8MP (3840 × 2160)
Electronic Shutter	Auto/Manual, 1/5 to 1/20,000 s
Min. illumination	Color: 0.001 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR
Day & Night	Fixed filter
Wide Dynamic Range	True WDR
Angle Adjustment	Pan: 0˚ to 355˚, Tilt: 0˚ to 80˚, Rotation: 0˚ to 360˚

Lens	
Lens Type	Fixed lens, Fixed focal
Iris	Fixed Iris
Focal Length	2.8 mm, 4 mm optional
Max. Aperture	F1.0
Field of View (FOV)	2.8 mm: - H: 97.5°, V: 52.2° 4 mm: - H: 81.5°, V: 44.8°

Illuminator	
Illuminator Type	Warm light
Illumination Distance	Up to 30 m (98.4 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 detection, 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: 3840 × 2160, 2592 × 1944, 2592 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720 @25/30 fps Stream2: D1, VGA, CIF @25/30 fps Stream3: VGA, CIF, QVGA @25/30 fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200 kbps to 16 Mbps Stream2: 100 kbps to 6 Mbps Stream3: 100 kbps to 3 Mbps
Smart Encoder	Off/On (8 areas, Rectangle)
Region of Interest (ROI)	Support
Audio Compression	G.711 A-law, G.711 µ-law, RAM PCM
Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)

Image	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable

Aisle Mode	Indoor, Outdoor, Mirror, Corridor Mode
Mirror	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
Event	
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
Network	
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
Interface	
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
General	
Language	English, Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian. Default: English
Power Supply	DC12V (-15% to +25%)/PoE (802.3af)
Power Consumption	Max 10 W
Operating Temperature	-40°C to 55°C (-40°F to 131°F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP66
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, Decoration ring: plastic
Dimensions / Net Weight	φ140 × 119.2 mm (5.51 × 4.69 inch)
Net Weight	0.9 kg (1.98 lb)

Accessories

Optional：

Junction Box	Pendant Cap	Ceiling Mount	Recessed Mount
Wall Mount	Wall Mount	Pole Mount	Corner Mount