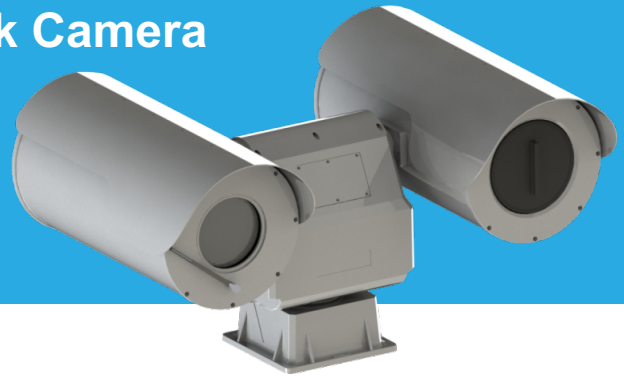


MS-7TPT4233MZ

Dual Vision Long Range PTZ Network Camera



Key Features

- Uncooled Microbolometer sensor with 400×300 resolution
- NETD Sensitivity $\leq 40\text{mK}$
- 30~150 mm Motorized Focus Thermal Lens
- Built-in defog processing mechanism, optional HD defog lens
- Support 3 temperature measurement rule types (Spot, Line, Area)
- 17 color control
- Reliable temperature-anomaly alarm
- Power off self-locking, strong wind resistance
- Anti-frozen, IP66

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Specification

Thermal Camera	
Image Sensor	Uncooled VOx Focal Plane Arrays
Resolution	Sensor is 400×300. Image can be scaled up to 704×576
Pixel Size	17 um
Thermal Sensitivity (NETD)	≤40mK
Spectral Range	8 ~ 14 um
Image Setting	Brightness/Sharpness/Contrast/Mirror/FFC/3D DNR
Color Palettes	17 (White-hot/Black-hot/Rainbow/Ironbow etc.)
Lens Type	Fixed
Focus Control	Motorized Focus
Focal Length	30~150 mm
F No.	F1.2
Angle of View	F30: H 18.7° , V 13.8° ; F150: H 3.0° , V 2.3°
Detection Distance Man (1.8m*0.5m)	4500 m
Detection Distance Vehicle (4m*1.5m)	13500 m
Recognition Distance Man (1.8m*0.5m)	1100 m
Recognition Distance Vehicle (4m*1.5m)	3300 m
Visible Camera	
Image Sensor	1/1.8" Sony CMOS
Effective Resolution	2560 (H)×1440 (V)
Shutter Speed	1/25 ~ 1/100,000s
Min. Illumination	Color: 0.0005 Lux @ (F2.1, AGC ON), B/W: 0.0001 Lux (F2.1)
S/N Ratio	More than 55 dB
Focal Length	10 ~ 860mm
Max Aperture	F2.1 ~ F11.2
Angle of View	H: 38.4° ~ 0.48°
Optical Zoom	86x
Focus Control	Motorized
Defog	Support electronic defog and optical defog

PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless, Tilt: +45° ~ -45°
Pan/Tilt Speed	Pan: 0.01° ~ 60°/s, Tilt: 0.01° ~ 30°/s
Wiper	Support
Presets	400
Tour	12 Tour
Speed Accuracy	±0.1°
Power Off Memory	Support
Idle Motion	Activate Preset/ Scan/Tour/Pattern if there is no command in the specified period
Protocol	SN-SD, PELCO-D
Video and Audio	
Frame Rate	Main Stream: Thermal: D1 @25/30fps Visible: 2560×1440/1920×1080 @25/30fps Sub Stream: Thermal: CIF @25/30fps Visible: D1/VGA/CIF/QCIF/QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Thermal: main stream: 100Kbps~6Mbps sub stream: 100Kbps~1500Kbps Visible: main stream: 500Kbps~12Mbps, sub stream: 100Kbps~6Kbps
Audio Compression	G711_A,G711_U,RAW_PCM,NONE
Audio Bit Rate	64kbps(G711),128kbps(RAW_PCM)
Video Standard	PAL/NTSC
Intelligence	
Intelligent Functions	Motion detection, I/O alarm, Temperature detection and alarm
IVS	Line crossing, Intrusion, Region entrance, Region exiting, Ship detection
Temperature Detection	
Temperature Detection	Support 3 temperature measurement rule types (Spot, Line, Area)
Temperature Alarm	Over temperature alarm, Temperature difference alarm
Accuracy	±2°C / ±2%
Response Time	≤ 30ms
Theory of temperature measurement range	-40°C ~ 150°C (-40°F ~ 302°F)
Temperature display mode	Temperature target >5°C, Display absolute temperature value, Temperature target ≤5°C, Display relative temperature value (temperature difference DEV = highest value - average)

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Network	
Ethernet	RJ-45 (10/100Base-T)
Protocols	IPv4/IPv6 ,HTTP,RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, SIP ,802.1x
Interoperability	ONVIF, CGI, SDK
Streaming Method	Unicast
Max. User Access	10 Users
Edge Storage	Local PC for instant recording Micro SD card 128GB
Web Viewer	<IE11, Chrome, Firefox
Web Language	English, Chinese, Polish, Italian, Portuguese, Spanish. Russian, French, Czech, Hungarian
Interface	
Ethernet	2 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	2ch Audio In,2ch Audio Out
Alarm	6ch Alarm In,4ch Alarm Out
BNC Output	Support
Reset Button	Support (Built-in)
General	
Power Supply	DC48V
Power Consumption	Max 300 W
Working Temperature	-40°C~60°C (-40°F~140°F)
Storage Conditions	0 ~ 90% RH
Certifications	CE /FCC
Ingress Protection	IP66
Casing	Metal
Dimensions	839×550×448mm
Net Weight	65Kg