SN-TPC6406VT-M

Fixed Mount Thermal Network Camera



Key Features

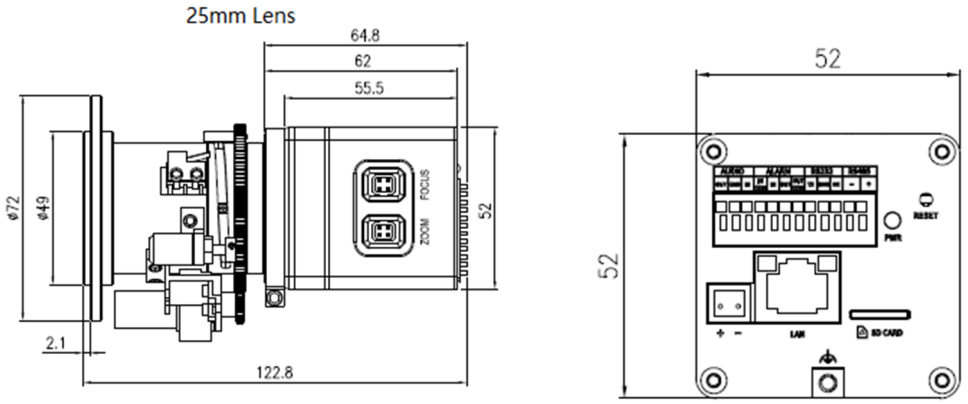
- Uncooled VOx Micro bolometer with 640×512 resolution
- 25/50/75/100 mm motorized focus lens optional
- Sensitivity ≤40mK
- Support temperature monitoring and abnormity alarm
- Support humanoid/vehicle detection, fire point detection, ship detection
- Smart events: intrusion, single line crossing, double line crossing, loitering, wrong way, enter area, leave area
- Support 3 temperature measurement rule types (spot, line, area)
- Temperature measurement range: -20°C ~ 150°C (-4°F ~ 302°F)

Specification

Thermal Camera				
Detector Type	VOx Uncooled Focal Plane Arrays			
Resolution	Sensor is 640×512. Image can be scaled up to 1280×1024			
Pixel Pitch	12μm			
Response Waveband	8-14μm			
Thermal Sensitivity (NETD)	≤ 40 mK			
Lens Type	Fixed			
Focus Control	Motorized Focus			
Focal Length	25 mm	50 mm	75 mm	100 mm
F No.	F1.0	F1.0	F1.0	F1.0
Angle of View	H:17°, V:14°	H: 8°, V:7°	H: 6°, V:5°	H: 4.3°, V:3.5°
Detection Distance (Fire: 1m×1m)	1042 m	2083 m	3125 m	4167 m
Detection Distance (Humans: 1.8×0.5m)	1040 m	2081 m	3121 m	4161 m
Detection Distance (Vehicles: 4×1.5m)	3194 m	6389 m	9583 m	12778 m
Recognition Distance (Humans: 1.8×0.5m)	260 m	520 m	780 m	1040 m
Recognition Distance (Vehicles 4×1.5m)	799 m	1597 m	2396 m	3194 m
Video and Audio				
Main Stream	1280×1024, 1280×720, 640×512 @ 25/30fps			
Sub Stream	D1, CIF @ 25/30fps			
Bit Rate Control	CBR/VBR			
Bit Rate	Main stream: 100Kbps ~ 8Mbps Sub stream: 100Kbps ~ 6Mbps			
Region of Interest	Off / On (8 Zone, Rectangle)			
Smart Encode	Support			
Audio Compression	G.711: 8kbps, RAW_PCM: 16kbps			
Image				
Image Setting	Brightness, Sharpness, Contrast			
Mirror	Support			
Pseudo-color Setting	White-hot/Black-hot/Rainbow/Ironbow etc. up to 17 modes			
DVE Image Enhance	Support			
Noise Reduction	2D/3D DNR			
Privacy Masking	Support			
Smart Function				
Smart Alarm	Motion detection, Disk alarm, I/O alarm, IVS alarm, Temperature detection & alarm			
Smart Detection	Support human/vehicle detection, fire point detection, ship detection			
Smart Events	Intrusion, Single line crossing, Double line crossing, Loitering, Wrong way, Enter area, Leave area (these 7 function support accurate detection of people/vehicles) , People counting			

Temperature Detection	
Temperature Detection	Support 3 temperature measurement rule types (Point, Line, Area)
Temperature Alarm	Over temperature alarm, Temperature difference alarm
Accuracy	±2℃ / ±2%
Response Time	≤ 30ms
Temperature Measurement Range	-20°C ~ 150°C (-4°F ~ 302°F)
Network	
Protocols	IPv4/IPv6 ,HTTP,RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, 802.1x
Interoperability	ONVIF, CGI, SDK
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge
Web Language	English, Chinese, Polish, Italian, Portuguese, Spanish. Russian, French, Czech, Hungarian
Interface	
Network Interface	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Audio In,1ch Audio Out
Alarm Interface	1ch Alarm In,1ch Alarm Out
Control Interface	1ch RS485, 1ch RS232
Reset Button	Support
SD Card Slot	Built-in, up to 256GB
General	
Power Supply	DC12V ±25%
Power Consumption	Max 3.5 W
Working Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Storage Conditions	0~ 90% RH
Certifications	CE /FCC
Ingress Protection	N/A
Casing	Metal
Dimensions	64.8× 52 × 52 mm (2.55× 2.05 × 2.05 inch) without lens
Net Weight	0.2 kg (0.44 lb) without lens

Dimensions (mm)



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