SN-T5P-F

Bi-Spectrum Temperature Measurement Camera



Key Features

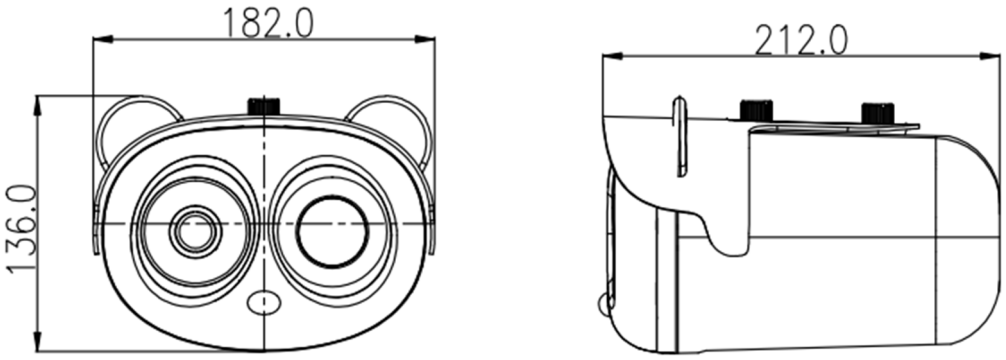
- Uncooled VOx Micro bolometer with 400×300 resolution
- One IP address two channels
- NETD ≤40mK
- Thermal: 8mm Fixed lens, Visible: 2.7~12mm motorized lens
- Support temperature measurement
- Accuracy ±0.3°C with blackbody
- Response Time ≤30ms
- 17 color control
- Support 1/1 audio input/output and 2/2 alarm input/output

Specification

Thermal Camera	
Detector Type	VOx Uncooled Focal Plane Arrays
Effective Pixels	Sensor is 400×300. Image can be scaled up to 704×576
Pixel Pitch	17um
Thermal Sensitivity (NETD)	≤40mK @F1.0, 300K
Spectral Range	8~14um
Image Setting	Brightness, Sharpness, Contrast, Mirror, FFC control, 2D/3D DNR
Pseudo-color Setting	White-hot/Black-hot/Rainbow/Ironbow etc. up to 17 modes
Thermal Lens	
Lens Type	Fixed
Focus Control	Manual Focus
Focal Length	8mm
F No.	F1.0
Angle of View	H: 46°, V: 35°
Visible Camera	
Image Sensor	1/2.8" Sony CMOS
Effective Resolution	1920(H)×1080(V)
Shutter Speed	1/5 ~ 1/20,000s
Wide Dynamic Range	True WDR 120dB
Min. Illumination	Color: 0.1Lux @(F1.2, AGC ON) B/W: 0.01Lux @(F1.2, AGC ON)
S/N Ratio	More than 55dB
Focal Length	2.7 ~ 12mm
Max Aperture	F1.6~ F2.9
Angle of View	105°~ 32°
Focus Control	Motorized
Image Setting	Brightness, Sharpness, Contrast, Saturation, Mirror, AWB, 2D/3D DNR
Defog	Support
Video and Audio	
Frame Rate	Main Stream: Visible: 1920×1080/1280×720 @25/30fps Thermal: D1 @25/30fps Sub Stream: Visible: D1/VGA/640×360/CIF/QVGA @25/30fps Thermal: CIF @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Main Stream: Thermal: 100Kbps~6Mbps, Visible: 100Kbps~12Mbps Sub Stream: Thermal: 10Kbps~1.5Mbps, Visible: 10Kbps~6Mbps
Region of Interest	Off / On (8 Zone, Rectangle)
Motion Detection	Support
Privacy Masking	Off / On (4 Area, Rectangle)
Audio Compression	G.711: 8kbps, RAW_PCM: 16kbps
Smart Function	
Intelligent Analysis	Interface, Single line crossing, Double line crossing, Object left, Object removed
Face Detection	Support face detection and capture

Temperature Detection	
Detection Mode	Temperature measurement
Temperature Alarm	Over temperature alarm
Accuracy	± 0.3 ℃ (Emission rate, distance, ambient temperature, etc.) with blackbody , Environment temperature: 5°C ~ 35 °C (41°F ~ 95°F) Detection Distance: 3~5m (4m recommended) Working Environment: Avoid the interference of wind, sunshine, high temperature and reflective objects, indoor is recommended
Response Time	≤30ms
Temperature Range	0 °C ~ 60 °C (32°F ~ 140°F)
Network	
Protocols	IPv4/IPv6 ,HTTP,RTSP/RTP/RTCP, TCP/UDP, DHCP, DNS, PPPOE, SMTP, SIP ,802.1x
Interoperability	ONVIF, CGI, SDK
Max. User Access	10 Users
Edge Storage	Local PC for instant recording
Web Viewer	<IE11, Chrome, Firefox
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	2ch Alarm In,2ch Alarm Out
RS485	Support
BNC Output	N/A
Reset Button	Support (Built-in)
General	
Power Supply	DC12V/POE (IEEE 802.3af)
Power Consumption	Max 10W
Operating Temperature	5°C~35°C(-41°F~95°F)
Storage Conditions	0~ 90% RH
Certifications	CE /FCC
Ingress Protection	IP66
Casing	Metal
Dimensions	212×182×136 mm (8.35×7.17×5.35 inch)
Net Weight	2.1 kg (4.63 lb)

Dimensions (mm)



Accessories

Optional：



SN-BK346
Wall bracket



SN-BK350
Ceiling Bracket



SN-BK360
Tripod

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