



Fever Screening Thermal Imaging System (FSTIS)

- *Non-contact and speedy body temp screening as the queue passes through*
- *Body temp detection of multiple people simultaneously*
- *Smart fever alert and report*
- *Flexible alert modes such as alarm, flash or silent notification*

FSTIS Feature

- ✓ High temperature measurement accuracy: $\pm 0.1^{\circ}\text{C}$ with blackbody, $\pm 0.5^{\circ}\text{C}$ without. (Temp range from 30°C to 45°C)
- ✓ Lightweight equipment and deployment with flexible mobility, plug and play without specialized configuration.
- ✓ Industrial design, support unattended operation to reduce cost and lower risks to contract virus
- ✓ Lithium UPS is optional for the entire system to work continuously up to 8 hours
- ✓ Hardware and software OEM & ODM are available



School



Train Station



Airport



Hotel



Industrial Park



Stadium

▶ FSTIS Standard



Bi-spectral camera



Camera stand



Display



Wire & Package



Keyboard & Mouse



Industrial Control Computer

▶ Available Adds-on



Blackbody



UPS



Socket

▶ Ordering Information

Bi-spectral Camera	Thermal resolution: 256*192
Industrial Control Computer	8G RAM, 256G HDD
UPS	24AH (3hrs)/ 31AH (4hrs)/ 40AH (5hrs)
Wire & Package	2-meter cable + Power line*2+HDMI+Package case*2+Shockproof cotton

Specification of Bi-spectral Camera		
Thermal Module	Image Sensor	Silicon Oxide Uncooled Vox Infrared Detector
	Max. Resolution	256 x 192
	Lens	2.0mm/3.2mm/4.3mm available
	Temperature Range	30°C~45°C
	Temperature Accuracy	±0.1°C with blackbody, ±0.5°C without
	NETD	40MK
	FOV	Horizontal: 60° , Vertical : 50°
	AGC	Custom AGSs and Digital Detail Enhancement (DDE)
	Color Palettes	Black-Heat/White-Heat/Rainbow/Iron-Red and more modes
Visible light module	Image Sensor	1/2.8" 2.0M Pixel CMOS
	Min. Illumination	Color: 0.005Lux@F1.2, B/W: 0.001Lux@F1.2
	WDR	≥80dB
	SNR	≥46dB (AGC OFF)
	Focal Length	4mm
	FOV	Horizontal: 84° , Vertical : 45°
AI	Face Snap	Embedded DL AI algorithm supporting 20~30 face detection, including exposure, rating, filter, uploading etc. Supporting various images of face, head & shoulder, upper body, whole body via FTP or HTTP
	Face Recognition	Built-in face library with a storage of 50,000 faces
Function	Temperature Screening Function	Whole area screening or regional screening both available
	Abnormal Temperature Alert	Alert on high or low temperature, and regional temperature difference
	Protocol	RTSP, RTP, TCP, UDP, UPNP, DHCP, PPPoE, ONVIF, GB/T 28181, etc.
	Analog Output	BNC
	Communication Interface	1 10/100 BaseT Ethernet , RJ45
	Multi Temp Detection Subject	Support temperature reading of multiple subjects of 20~30 people
	Response Speed	0.1s
	Alarm Interface	1 input, 1 output
	Audio Interface	1 audio input, 1 audio output
General	Working Temperature	16°C~33°C (Re-calibration needed for other temperature range)
	Working Humidity	0%-90% RH (non-condensed)
	Protection Level	IP67
	Power Source	12VDC@5A
	Power Consumption	≤5W (Without heating)
	Dimension	246mm*101mm*81mm
	Weight	< 1kg