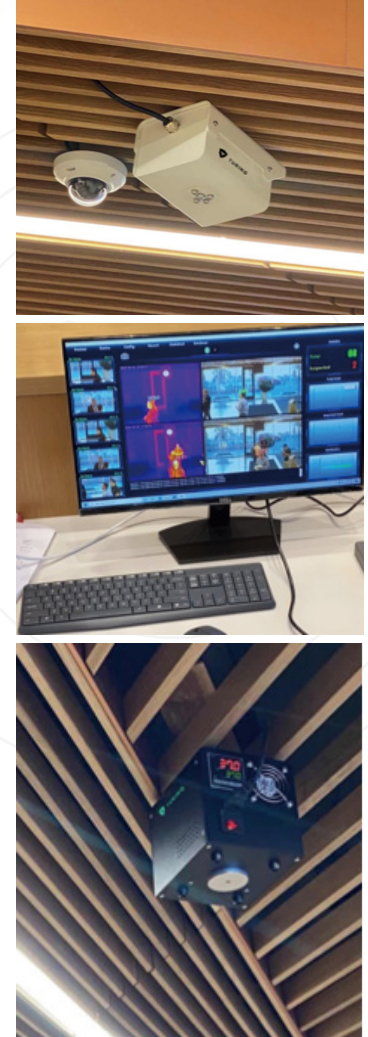


## Body Temperature Thermal Camera Solution

### Key Features

- ◆ **Dual Spectrum**  
Captures images with infrared and visible light
- ◆ **High Resolution**  
Thermal imaging resolution 384\*288 pixels (TVTC-OP-BTTC6E) / 320\*240 pixels (TVTC-OP-BTTC6)
- ◆ **Onboard Processing**  
Image processing is performed onboard to improve timely detection and avoid network latency
- ◆ **Automatic Calibration**  
The kit includes a blackbody that enables real-time calibration, ensuring temperature stability
- ◆ **Temperature Accuracy**  
Within  $\pm 0.5^{\circ}\text{F}$  ( $\pm 0.3^{\circ}\text{C}$ ) with the calibration assistance of a blackbody
- ◆ **High Detection Throughput**  
Maximum measuring throughput of 540 persons / minute (TVTC-OP-BTTC6E), 240 persons / minute (TVTC-OP-BTTC6)
- ◆ **Non-contact Temperature Measurements**  
Non-contact temperature measurement at a distance of 10 ~ 30 feet (TVTC-OP-BTTC6E) / 6 ~ 22 feet (TVTC-OP-BTTC6)
- ◆ **Simultaneous Measurement Of Multiple Person**  
Measures temperature of up to 63 person (TVTC-OP-BTTC6E) / 21 person TVTC-OP-BTTC6)
- ◆ **Automatic Tracking Of Target With High Temperature**  
Tracks the high temperature target and alert on detection of multiple target with high temperature



### System components

- ◆ Infrared/ Visible light camera
- ◆ Blackbody
- ◆ Turing AI Box
- ◆ Tripod



## System Specification

		TVTC-OP-BTTC6E	TVTC-OP-BTTC6
Thermal Array & Lens	Type	Uncooled array	Uncooled array
	Wavelength	8-14 $\mu\text{m}$	8-14 $\mu\text{m}$
	Resolution	384×288	320×240
	Noise equivalent temperature difference	<60 mk	<60 mk
	Field of view	24°×18°	17°×13°
Temperature Detection	Range of detection	68-122°F (20-50°C)	68-122°F (20-50°C)
	Accuracy of detection	±0.5°F (±0.3°C )	±0.5°F (±0.3°C )
	Measuring distance	10-30 ft	6~22 feet
	Detection time	<1s	<1s
	# of person measured simultaneously	63	21
	Detection throughput	540 persons/min	240 persons/min
	Calibration	Auto calibration with black body	Auto calibration with black body
Visible Light Camera Performance	Resolution	1920 x1080 Pixels	1920 x1080 Pixels
	Image array	2MP, 1/1.8 Lens	2MP, 1/1.8 Lens
	Compensation	Over exposure compensation	Over exposure compensation
Other Specs	Working temperature	32-104°F (0-40°C)	32-104°F (0-40°C)
	Input voltage	DC 12V	DC 12V
	Power consumption	<15W	<15W
	Network interface	1x RJ45	1x RJ45
	Weight	11 lbs	11 lbs
	Dimension(Camera body)	14 x 8 x 6 inches	14 x 8 x 6 inches