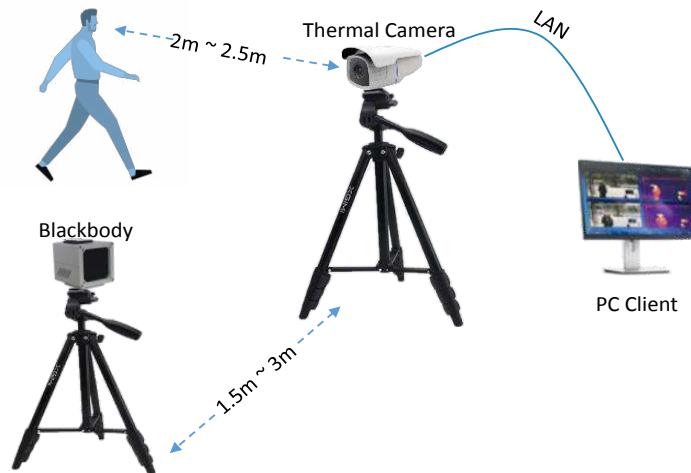# THERMOGRAPHIC FEVER SCREEN SYSTEM
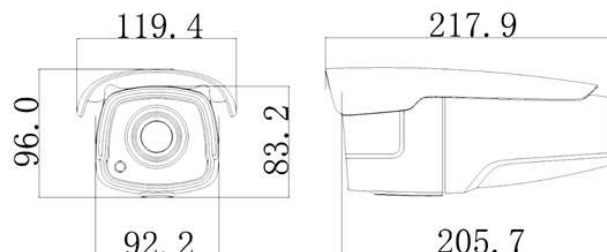

Fever Screen System

UVT-TFSSBB

> System contains blackbody, camera, tripod and software for real time thermal imaging and automatic temperature measurement of multiple targets

> Resolution 384 × 288 high sensitivity detector with highest temperature cross cursor positioning

> Non-contact, real-time, continuous and rapid accurate temperature measurements

> Support automatic capture of moving face targets

> Support wearing a mask to identify the face area to avoid false alarms from non-face high temperature objects

> Support point, line & rectangle temperature measurement modes, as well as temperature abnormal alarm function

> Support face temperature measurement mode, intelligently analyze face targets and measure temperature, support multiple alarm linkages

> Dual light temperature measurement linkage, can draw regular and superimposed temperature measurement information on visible light image

> Option available without Black Body (UVT-TFSS)

UVT-TFSSBB   THERMOGRAPHIC SOLUTIONS

Specifications

Camera	
Sensor	Thermal: Uncooled detector Visible: 1/4" progressive scan CMOS
Resolution	Thermal: 384 x 288 @ 25fps Visible: 1024 x 768 @ 30fps
Lens	Thermal: 6.5mm; Video: 2.7mm
Iris	Thermal: F1.0; Video: F2.8
Thermal Detection Distance	9.8 ~ 32.8ft (3 ~ 10m)
Pixel pitch	17μm
Optical Transmission Calibration	Manual / Automatic
NETD (Noise Equivalent Temperature Difference)	<50mk (@ 25 ° C, F # = 1.0)
Palette	Hot white, black hot, iron red, etc.
Thermal Image / Video / Visible Light Picture	.jpg (including full temperature data) / Full Temperature Infrared Video / .jpg Visible Light Picture
Angle of View (H x V)	50.8° X 37.1°
Visible Minimum illumination	0.5 Lux
Visible S/N	> 34dB
Network protocols	TCP / IP, UDP
Temperature Measurement	
Target Temp Range	82.4° ~ 107.6°F (28° ~ 42°C); ≤±0.84°F (≤±0.3℃)
Detection Distance	Recommended 6.5 ~ 8.2ft (2 ~ 2.5m)
Over Temp Alarm Function	Support abnormal alarm function, area alarm text & voice prompts
Intelligent Features	Support automatic capture of moving faces
Face Area Recognition	Support wearing a mask to identify the face area to avoid false alarms from non-face high temperature objects
General	
Environment Temp & Humidity	50° ~ 86°F (10° ~ 30°C); ≤90%RH (non-condensing)
Power & Consumption	12VDC; <5W
Dimension / Weight	8.6 x 4.7 x 3.8in (217.9 x 119.4 x 96mm); 2.2lb (1kg)
Environmental Rating	IP65

Dimensions

Unit: mm

Models

UVT-TFSSBB   *Full System*

UVT-TFSS   *Without Black Body*

UVT2030420-00

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