



FevIR Scan² Skin Temperature Measurement System

Ideal for Mass Temperature Screening. In today's world of fast transit global travel, outbreaks of infectious disease will cross national and international boundaries in a matter of hours. The SARS, Avian Flu, Swine Flu, H₁N₁ and now Novel Coronavirus (COVID-19), have affected tens of thousands of people and businesses with massive disruption to all people in all walks of life.

FevIR Scan 2 provides real-time non-contact temperature detection, measurement, tracking and alarming in areas of high density person traffic. The system comprises of; Thermoteknix **FevIR Scan 2** compact, high resolution, combined infrared thermal and colour visual CCD camera unit. Blackbody temperature reference unit. PC with Thermoteknix industry leading, proven **FevIR Scan 2** software.

Thermoteknix **FevIR Scan 2** Software features include:

- Setup and Operator password levels for secure operation.
- Visible and thermal images displayed in choice of Side-by-Side or Picture in Picture configuration.
- Red hot colour thermal isotherm tracking.
- Warning and Critical Alarm levels with Visible and customisable Audible alerts.
- Selectable (8) colour thermal palette bar with alarm threshold and current maximum alarm level.
- Operator defined monitoring region with exclusion areas to avoid fixed thermal artefacts (radiator/A/C vent/lighting).
- Unique Blackbody reference active optimisation for maximum accuracy.
- Single or sequenced visible and thermal camera images saved on alarm.
- Gallery and Print options for reference records with historical data.
- Full radiometric temperature model including skin, blackbody emissivities and background temperatures.
- Print alarm images.

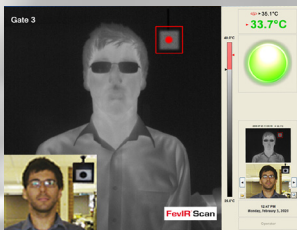
Skin Temperature Measurement System

Accurate - Affordable - Reliable

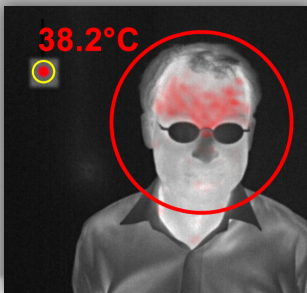
Caution: Human Skin temperature varies with environment and physiological factors and does not always accurately reflect internal core temperature. Raised Skin temperatures can occur in the absence of fever and vice versa.

UK Head Office

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Simultaneous Thermal and Colour Cameras



Multi Target Auto Tracking System



High Accuracy Infrared Thermal Calibration Source



SYSTEM PERFORMANCE	
Temperature Measurement Range	30°C to 40°C
Operating Ambient Temperature Range	15°C to 35°C
Power Supply	110-240VAC
Video Display	Colour Laptop LCD
Video Output	HDMI
Max. Distance Camera to Thermal Reference	5m

CAMERA DIMENSIONS	
Weight	850g
Length (mm)	95
Width (mm)	110
Height (mm)	70

THERMAL REFERENCE	
Accuracy	±0.2°C
Temperature Range	20°C to 40°C

THERMAL CAMERA	
Resolution	110k pixels
Horizontal FOV	26° (±10%)
Spectral Response	7-14µm
Frame Rate	<9Hz

VISIBLE CAMERA	
Resolution	1.3M pixels
Horizontal FOV	32°
Frame Rate	25Hz

Installation Options:

1. Tripod Pack
2. Frame Pack
3. Ceiling Mount



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Thermoteknix Systems Ltd pursues a policy of ongoing product development and specifications are subject to change.

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