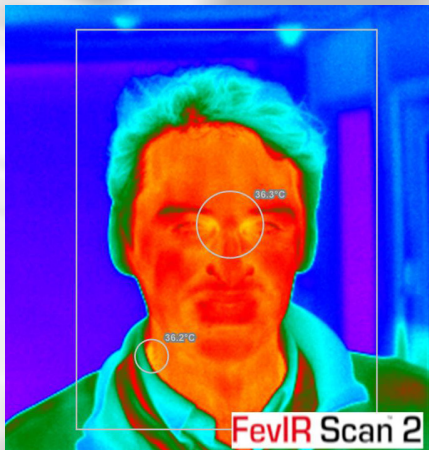


Simultaneous Thermal and Colour Cameras



Multi Target Auto Tracking System



FevIR Scan 2

Skin Temperature Measurement System

FevIR Scan 2 is a real-time non-contact temperature measurement system for detecting and alarming individuals with elevated temperature in high footfall areas. The system consists of: **FevIR Scan 2** compact, high resolution, combined infrared and visual camera unit, Blackbody temperature reference unit and laptop with Thermoteknix industry leading, proven **FevIR Scan 2** software.

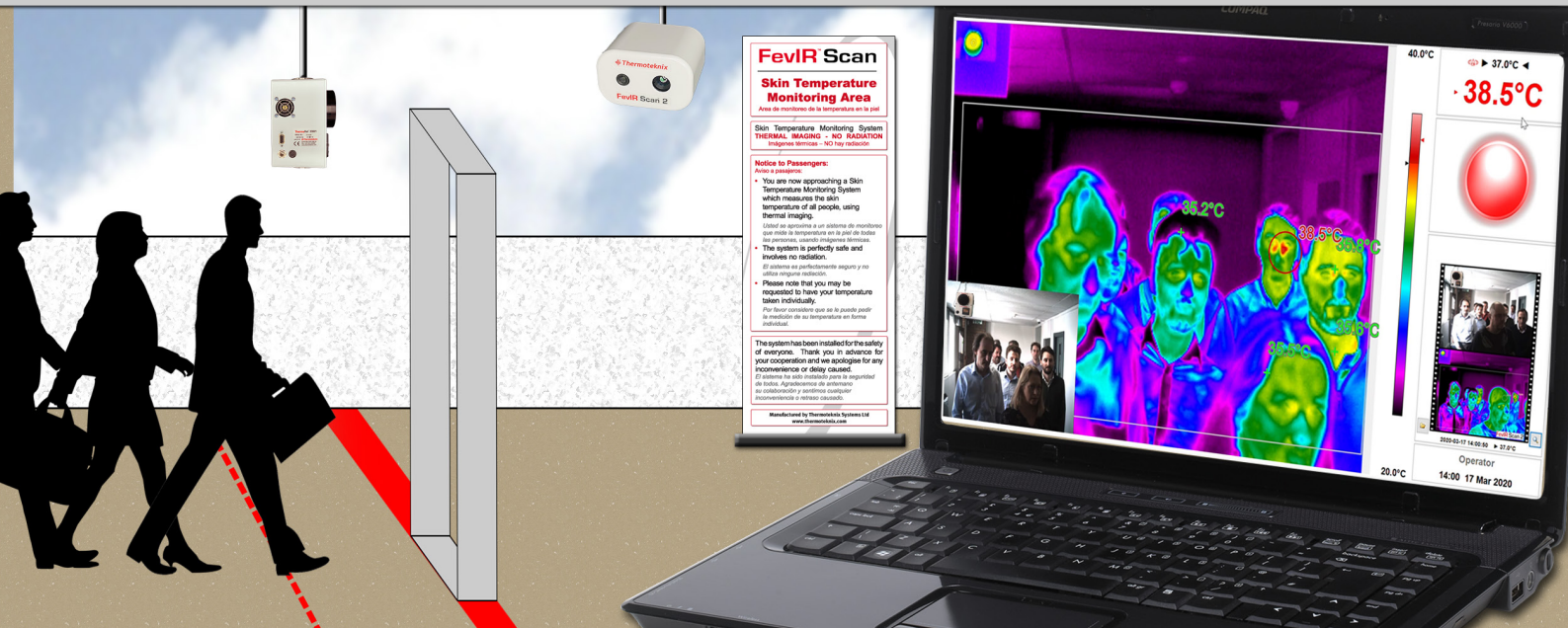
Thermoteknix **FevIR Scan 2** Software features include:

- Multiple person, real-time facial temperature tracking with high and warning level on-screen visible and audible alarms.
- Visible and thermal images displayed in choice of Side-by-Side or Picture-in-Picture configurations.
- Thermoteknix unique **Dynamic Event Recording (DER)** software captures video for up to 10 seconds **before** and after an alarm. This allows operators to identify people close to the person with an elevated temperature and allow post event analysis.
- High temperature exclusion setting to avoid false alarms.
- In-scene Blackbody calibration reference source is included for highest accuracy temperature measurement.
- Choice of monochrome or colour thermal palettes with red (hot) isotherm.
- Setup and Operator password levels for secure operation.
- Operator defined monitoring region with exclusion areas to avoid fixed thermal artefacts (e.g. radiator/A/C vent/lighting).
- Single, sequenced visible and thermal camera images saved on alarm.
- Gallery and Print options for reference records with historical data.
- Full radiometric temperature software model including skin and blackbody emissivities with background temperature correction
- Automatic system ready check and continuous monitoring of components for trouble-free operation.
- User options to save or auto-delete images to provide GDPR/Privacy compliance.
- **FevIR Scan 2** complies with ISO Standard for Fever Screening Systems, BS (EN) IEC 80601-2-59:2019 and when operated in accordance with the ISO Standard PD ISO/TR 13154:2017.

Accurate - Affordable - Reliable

UK Head Office

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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

LAPTOP	
Screen Size	14"
Operating System	Windows 10 Pro
Software	FevIR Scan 2

INTERCONNECTIVITY	
Email on alarm	Access Control Output

BLACKBODY - ThermoRef 35B1	
Accuracy	±0.2°C
Emisivity	0.97 ±0.02°C
Temperature Range	20°C to 40°C
Display Resolution	0.01°C
Combined Accuracy / Stability	±0.2°C

CAMERA THERMAL - FSD01	
Resolution	110k pixels
Horizontal FOV	26° (±10%)
Spectral Response	7-14µm
Frame Rate	<9Hz, 30Hz or 50Hz (region dependant)
Accuracy	±0.2°C
Temperature Sensitivity	±0.05°C
MRTD (Min Res Temp Diff)	0.1°C

CAMERA VISIBLE - FSD01	
Resolution	1.3M pixels
Horizontal FOV	32°
Frame Rate	25Hz

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

Installation Options:
1. Tripod Pack
2. Ceiling Mount



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. Thermoteknix Systems Ltd is ISO 9001:2015 certified. FevIR Scan 2 camera and blackbody are FCC and CE certified devices.

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

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