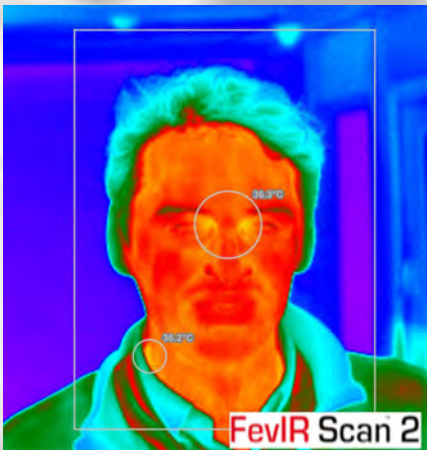


Simultaneous Thermal and Colour Cameras



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.

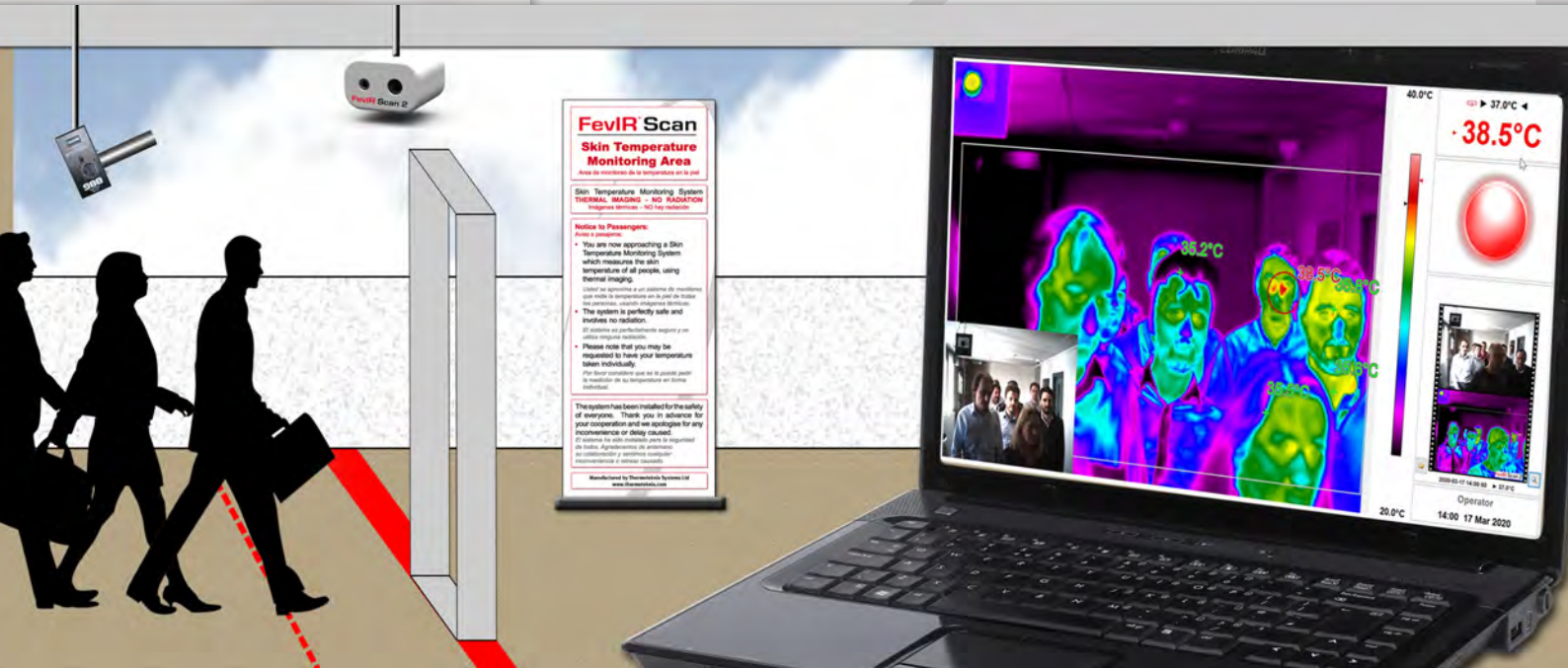
Thermoteknix **FevIR Scan 2** Software features include:

- 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) IES 80601-2-59:2019 and when operated in accordance with the **FevIR Scan 2** User Operation Guide, conforms to ISO Standard PD ISO/TR 13154:2017.

Accurate - Affordable - Reliable

UK Head Office

Teknix House, 2 Pembroke Avenue Waterbeach, Cambridge CB25 9QR, UK
 Tel (UK): +44 (0)1223 204000 Tel (USA): +1 646 481 7757
 sales@thermoteknix.com www.thermoteknix.com



| 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 |

| THERMAL REFERENCE - ThermaRef 35B-1 | |
|-------------------------------------|--------------|
| Accuracy | ±0.2°C |
| Temperature Range | 20°C to 40°C |
| Surface Uniformity | <0.2°C |

| THERMAL CAMERA - FSD-01 | |
|-------------------------|---------------------------------------|
| 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 |

| VISIBLE CAMERA | |
|----------------|-------------|
| 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.

UK Head Office

Teknix House, 2 Pembroke Avenue Waterbeach, Cambridge CB25 9QR, UK
 Tel (UK): +44 (0)1223 204000 Tel (USA): +1 646 481 7757
 sales@thermoteknix.com www.thermoteknix.com