

# Concept Pro

## THERMI-SCREEN

### Body Temperature Detection System



Thermi-Screen is a Body Temperature Detection System that can accurately detect facial temperatures with an accuracy of  $\pm 0.5^{\circ}\text{F}$  up to 13 feet away. Ideal for monitoring body temperatures at entrances to events, transport hubs and buildings.

Using advanced facial detection, the system uses the face temperature for a more accurate measurement. This also stops false readings, such as a person carrying a hot drink. With astonishingly fast response time and being able to measure up to 40 people at once, the system will reduce the need for single file detection, aiding in the speed of people passing through the detection area.

#### Key Features

- Fast temperature measurement
- High temperature accuracy
- Long distance, non-contact detection
- Only measures facial temperature
- Dual Spectrum Technology (overlay of temperature on live view)
- Mobile App available
- Licence Free software
- Environment calibration
- A complete thermal detection solution

#### Benefits



##### Accurate face tracking in real time

A face recognition algorithm is used to accurately measure the temperature of a persons face



##### Multiple detections at once

Up to 40 target temperatures measured at once at a distance of 10-13 feet



##### Bi-spectrum, dual channel

##### All-weather real-time monitoring

Visible light is all that is required to capture the human face, allowing the thermal imaging to monitor body temperature in a variety of conditions



##### Highly accurate temperature detection

Modified  $\leq 0.5^{\circ}\text{F}$  (emissivity, distance, ambient temperature, etc.)



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