

ThruScan®

High Fever Detection Warning During Epidemic Infection Threats

CONTACTLESS, INSTANTANEOUS
AUTOMATIC HUMAN BODY TEMPERATURE MEASUREMENT

ThruScan Thermal Module



1-5mt

Fever Screening
Temperature
Measurement

800 points

Instantaneous
Fever and
Temperature
Measurement

10 hours

Operating
with Battery

Thermal

Imaging
and Video

**Audible
and Visual**

Warning and
Alarm Functions



Since 1978

ELEKTRAL®

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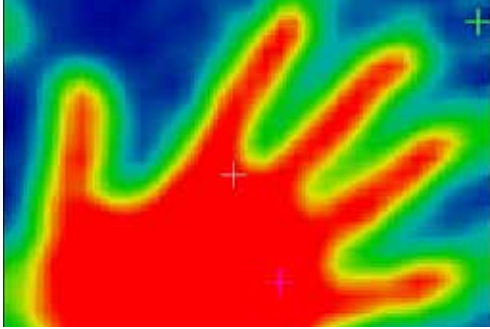
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Presentation Film





ThruScan Thermal Module,

- Detection of electromagnetic radiation with Microbolometer technology in the Infrared spectrum.
- Contactless between 1 - 5 meters, instantaneous high fever screening - temperature measurement at approximately 800 different points.
- Thermography, thermal imaging, thermal video features (optional).
- Green, Yellow, Red (Presence of FEVER) with LED Lights and audible alarm functions, the easiest way to use for the operator.
- Eliminate / isolate / in a room, glass room, cabin or turnstile, ability to quarantine thanks to the relay output.
- Easy programming and selection buttons.
- Remote screening possibility from separate isolated place with a tablet, computer or Kiosk PC monitoring (optional).
- Auto-Calibration. Does not require additional calibration.
- Up to 10 hours operation ability with battery.
- Fixing with magnet and / or tripod.

Types	Microbolometer
Pixel	320x240
Wave-Length Range	7,5-14µm
Sampling Frequency	max 64Hz
Thermal Sensitivity	0,06°C @ 30°C
Field of View	55° x 35°
LCD	3,5" TFT LCD, 640x480, Colour
Image Adjustment	Auto
Temperature Measurement Range	+20°C ~+50°C
Temperature Measurement Accuracy	±0.3°C

• Temperature Calibration	Auto (Short Time, Long Time, Custom Time)
• Measurement Mode	Full Screen Maximum, Temperature Tracking, Temperature Alarm (sound, colour)
• Emissivity Correction	Adjustable from 0.01 to 1.0 (in increments of 0.01) or Select From a List of Predefined Materials
• Battery Type	LiPo Chargeable
• Operation Time	Continuous Operation for More Than 4 Hours (LCD Brightness 50% when LED Lighting is Off)
• Operation Temperature	0°C ~+40°C
• Storage Temperature	-40°C ~+70°C

ThruScan[®] Metal Detectors

**sx-i Novo
sx-i
s27-i
sx
s9**

Ability to operate together with ThruScan Metal Detectors. Thus contactless, instantaneous screening of people at the same point for both Dangerous Metal Objects and High Fever Detection. This eliminates the risk of contamination as there is no need to send people with high fever to a different area. The Thermal Module can be implemented to our Medium and High Segment Security Metal Detectors.