

Thruscan TSM – Walkthrough Metal Detector



ThruScan® - TSM - Thermal Scan Module

Product Code: 869755498181

Working with the ThruScan sX-i NOVO Security Metal Detector, it measures body temperature

Product Uses

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.

Features

- ✚ High Fever Detection Warning During Epidemic Infection Threats.
- ✚ Contactless instant body temperature measurement.
- ✚ Thermal Scan Module has been designed to be used in high people circulation areas such as..
 - Education Institutes
 - Hospitals
 - Airports
 - Consulates
- ✚ Detection of electromagnetic radiation with Micro bolometer technology in the Infrared spectrum.
- ✚ Contactless between 1 - 5 meters, instantaneous high fever screening - temperature measurement at approximately 800 different points.

Measurement

- ✚ 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.

Up to 10 hours operation ability with battery.

- ✚ Easy programming and selection buttons.
- ✚ Remote screening possibility from separate isolated place with a tablet, computer or Kiosk PC monitoring (Optional).

Fixing with magnet and / or tripod.

- ✚ **Auto-Calibration. Does not require additional calibration.**
- ✚ **Up to 10 hours operation ability with battery.**

Technical Specifications

- ✚ Pixel- 320×240
- ✚ 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, 640 x 480, Colour
- ✚ Image Adjustment – Automatic
- ✚ Temperature Measurement Range - +20 °C ~ +50 °C
- ✚ Temperature Measurement Accuracy -±0.30 °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

TSM Technical Specifications

- ✚ **Height:** 140 mm **Width:** 90 mm **Length:** 30 mm

+ **Net Weight:** 0,7 kg

+ **Packaged dimensions:**

➤ **W x L x H:** 38 x 33 x 10 cm

+ **Desi:** *** **Net Desi:** *** **Net Weight:** 1 kg