SecurityTronix ThermScan™ 1-Year Limited Warranty

SECURITY TRONIX®
THE IMAGE OF QUALITY

SecurityTronix ThermScan™
Wall Mounted Non-Contact Forehead Thermometer

ST-THERMSCAN-1
User Manual

This device is not intended to diagnose any medical condition but to raise awareness if an elevated skin temperature is detected.

Parts Included

1. ThermScan Unit
2. USB Cable
3. USB Power Supply
4. Screws (2)
5. Anchors (2)
6. Double Sided Tape (4)
7. User Manual and Specifications

Introduction

Infrared thermometer
Infrared ranging sensor
Double-sided adhesive area
Mounting holes
Nameplate
Tripod mounting hole
USB interface
Switch
Alarm light
Temperature display
Mode switch hole

Specification

1. **Accuracy:** ± 0.4°F (± 0.2°C), for greatest accuracy place it in the operating environment for 30 minutes before use. Requires a stable indoor climate controlled environment.
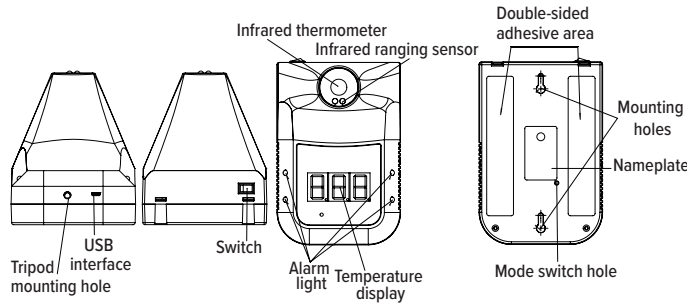
2. **High Temperature Alert:** Flashing +"Di Di" sound. Preset alarm comes on at 99.1°F (37.3°C)

3. **Temperature Measurement Distance:** 1.96 - 3.93" (5 - 10 cm)

4. **Screen:** Digital display

5. **Powering method:** USB supplied power or battery (18650 Li-ion).

6. **Install method:** Can be mounted with screws, double sided tape (included), or on a tripod.

7. **Ambient Working Temperature:** 50 - 104°F (10 - 40°C)

8. **Testing Temperature Range:** 32 - 122°F (0-50°C)

9. **Temperature Measurement Speed:** Less than 1 second

10. **Input:** USB - DC 5V Power supply included

11. **Weight:** 0.77lbs (350g)

12. **Dimensions:** 6.69" x 4.52" x 5.51" (170 x 115 x 140mm)

14. **Counting capacity:** 999

Status Description

1. **Standby:** The red dot in the bottom of the display lights up from left to right. (Fig. 1)
2. **Insufficient power:** The horizontal bar lights up in the middle of the display. (Fig. 2)
3. **Normal temperature:** Flashing green lights and alarm 'Di'. (Fig. 3)
4. **Abnormal temperature:** Flashing red lights and alarm 'Di Di' indicate this temperature. Preset alarm comes on at 99.1°F (37.3°C) (Fig. 4)
5. **Default**: (bod: object mode)
   Lo: Ultra-low temperature alarm. (Fig.5) **HI**: Ultra-high temperature alarm. (Fig. 6)

Fig. 1   Fig. 2   Fig. 3   Fig. 4   Fig. 5   Fig. 6

Operation Instructions

1. **Temperature measurement:** Approach the nozzle until the thermometer registers a reading. Do not get so close that you touch the nozzle. Recommended distance: 2" - 4" (5 - 10 cm) (Fig. 7)
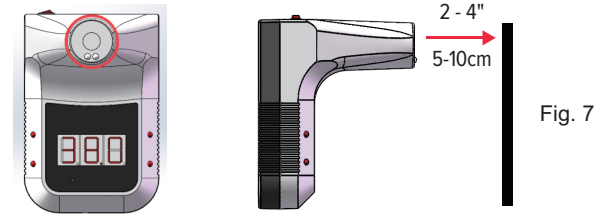
2 - 4"
5-10cm
Fig. 7

2. **Mode switching:** Settings can be changed using the small hole on the back of the device (Fig. 8). Insert a 3mm screwdriver, and briefly press the button to change between C° and F°. (Fig.9, 10)
   The unit consists of 3 "modes" of operation. To change the "mode" of the unit, hold the button for 3 seconds and release.
   A. **BOD (BODY)** - This mode is used to when skin temperature is being read.
   B. **SUR (SURFACE)** -This mode is used when surface temperature is being read
   C. **COU (Counter)** - This mode display a digital counter. It is used to determine the amount of readings the device has performed. *Does not display skin temperature when used in this mode.

32mm depth
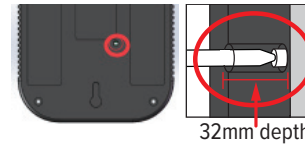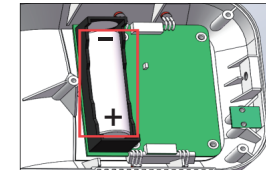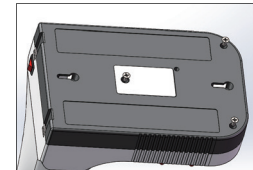Fig. 8   Fig. 9   Fig. 10
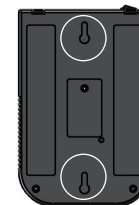
3. **Install and replace battery:**
   1 - Remove three screws   2 - Open the back base and install 18650 Li battery
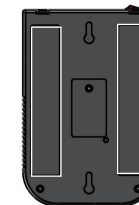
4. **Install methods:**
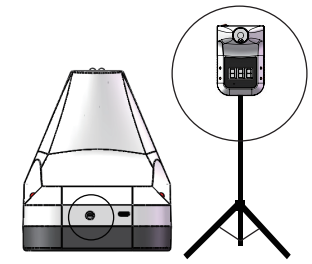   1 - Screws (Included)   2 - Double Sided Tape (Included)   3 - Tripod

   mounting hole spacing - 130mm

   1. Screws   2. Double-sided tape   3.Tripod

ST-THERMSCAN-1

SecurityTronix ThermScan™ Wall Mounted Non-Contact Forehead Thermometer

The SecurityTronix ThermScan™ accurately and instantly scans the forehead and alerts by alarm if an elevated skin temperature is detected. Quickly get compliant with temperature screening at your place of business.

The intent is not to diagnose, but to raise awareness so people can get a proper assessment before fully entering the business.

- Lower cost than thermal cameras
- Highly accurate
- Quick and easy to install
- Alarm function
- Contactless
- Reduces usage of PPE for manual scanning
- Quick automatic measurement
- Cost-effective, even for small businesses

Key Features

- Detects surface skin temperature without any contact
- Quickly detects surface temperature in less than one second response time
- Alarm alerts if surface skin temperature detected is higher than 99.1°F (37.3°C)
- Digital display

Installation

- Can be mounted with screws (included), double sided tape (included), or on a tripod

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ST-THERMSCAN-1

Specifications

Temperature Measurement Distance	2" - 4" (5 - 10 cm)
Temperature Measurement Accuracy	± 0.4°F (± 0.2°C)
Testing Temperature Range	32 - 122°F (0-50°C)
Temperature Measurement Speed	Less than 1 second
Abnormal Temperature Alert	Yes
Working Voltage	USB - DC 5V Power supply included
External Power Supply	AC 100/60Hz
Power Consumption	Less than 3W
Operating Humidity	95%, non-condensing
Working Temperature	50 - 104°F (10 - 40°C)
Product Weight	0.77lbs (350g)
Product Dimension	6.69" x 4.52" x 5.51" (170 x 115 x 140mm)
Bracket	Wall Mount
Rating	FCC, RoHS, CE

ThermScan (ST-THERMSCAN-1)
This product is not a medical device, it is a non-medical surface temperature thermometer.
It does not diagnose a medical condition.

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