

# IR THERMOMETER

## CONTACT FREE THERMOMETER WITH AUDIO ALERTS



**PATENT PENDING**

The Safety Vision IR Thermometer is used to measure passengers' temperature quickly and easily as they board the bus or enter the building. Scanning any part of the face or hand, temperature readings are displayed on the LED screen, in addition to an audible voice that states if the person's temperature is within range. Each school district or transit authority will have their own internal policies and procedures to follow when individuals test for a high temperature. This small device is activated and deactivated through the ignition switch or by powering on and off in a building, eliminating interaction, and creating a failsafe system at a fraction of the cost of a thermal camera utilized in other applications. The Safety Vision IR Thermometer is completely standalone and can be used even if you do not have a mobile surveillance solution. The device can be used onboard a vehicle or bus or at the entry to offices, buildings, and other fixed facilities.

### TEMPERATURE MEASUREMENT SPEED

Less than 1 second

### TEMPERATURE MEASUREMENT ACCURACY

$\pm 0.3^{\circ}$

### TEMPERATURE MEASUREMENT DISTANCE

<3in (<76.2mm)

### POWER CONSUMPTION

Less than 8W

### EXTERNAL POWER SUPPLY (FOR FIXED APPLICATIONS ONLY)

120V AC converter

### WORKING VOLTAGE

12V

### WORKING TEMPERATURE

$-14^{\circ}\text{F} \sim 104^{\circ}\text{F}$  ( $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$ )

### OPERATING HUMIDITY

95%, non-condensing

### DIMENSIONS (W $\times$ H $\times$ D)

4.34  $\times$  6.45  $\times$  1.3in (110.24  $\times$  164  $\times$  33mm)  
(excluding bracket and power adapter)

### WEIGHT

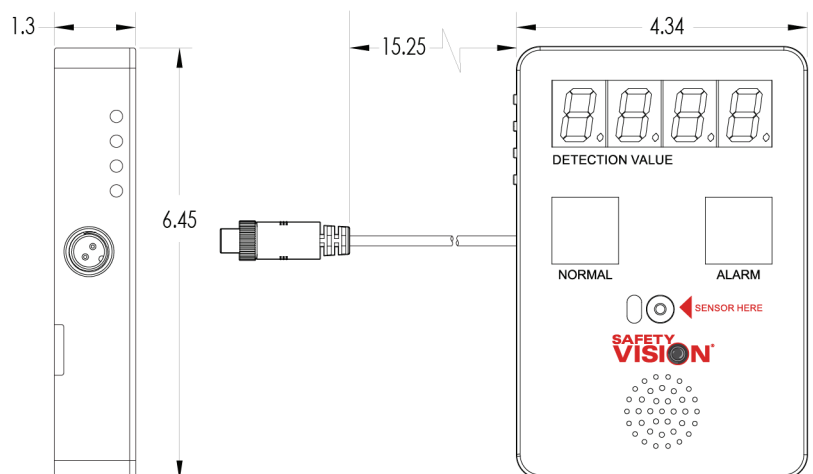
1.32lb (0.6kg)

### CERTIFICATIONS

CE, FCC, ROHS

### PART NUMBER

SV-IR-THRM



6100 W. Sam Houston Pkwy. N.  
Houston, TX 77041

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VISION**<sup>®</sup>

800.880.8855  
[www.safetyvision.com](http://www.safetyvision.com)

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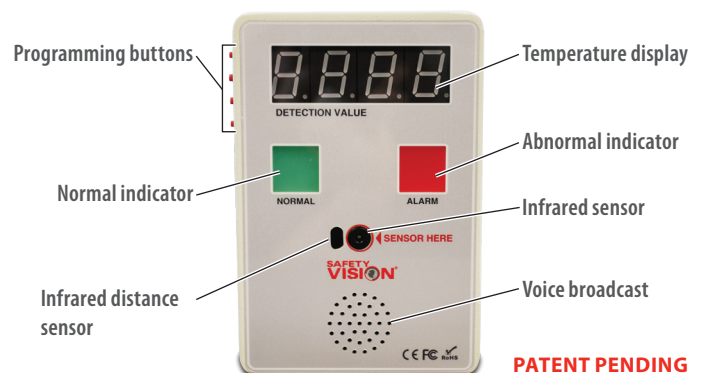
Using a high-precision temperature measurement sensor imported from Belgium, Safety Vision's IR thermometer measures the human body surface temperature without any contact. When an abnormal body temperature is detected, an audible voice warning will occur. This can be used as a stand-alone product or integrate with walk-through metal detectors, doors, intelligent access control systems, and more.

## Features

- **No contact temperature measurement:** The detector measures forehead or palm of your hand temperatures and is accurate up to 3in (76.2mm) away.
- **Voice Alarm:** After passing the detector, an audible voice will state "Your temperature is normal" for a normal body temperature or "Please check again" for an abnormal body temperature.
- **False Alarm Prevention:** Using advanced STM technology, the possibility of false alarms is prevented.
- **Easy to use:** Complete plug-and-play, do-it-yourself installation. The device is standalone and does not have to interface with any other products.

## Interface

- **Temperature display:** The digital display shows real-time temperature value.
- **Normal indicator:** The green light is on when the temperature is within the range of 95° F ~ 100.4° F (35° C ~ 38° C).
- **Abnormal indicator:** The red light is on when the temperature is not within the range of 95° F ~ 100.4° F (35° C ~ 38° C).
- **Infrared sensor:** Detects the body temperature when forehead or palm of your hand is within 3in (76.2mm) of the sensor.
- **Voice broadcast:** A verbal alarm sounds when temperature is normal ("normal temperature") or abnormal ("please check again").



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