

SV-IR-TEMP USER GUIDE

**SAFETY
VISION®**

Important Notices

Title: SV-IR-TEMP User Guide

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Revision: 0

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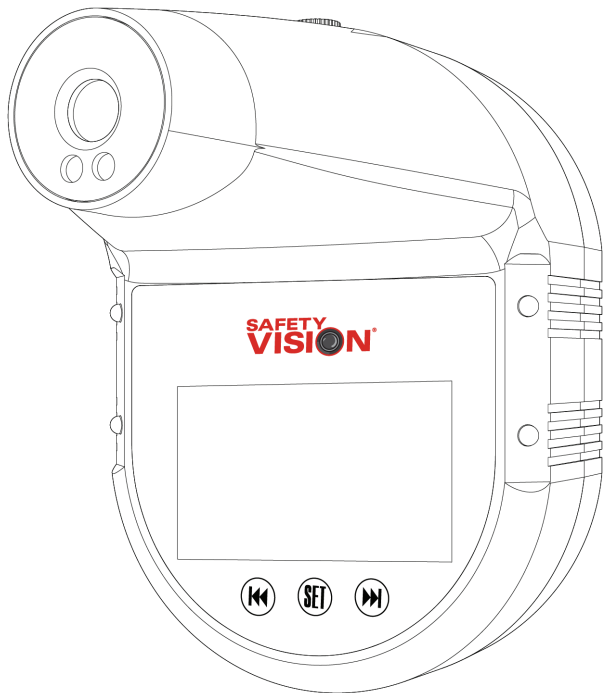
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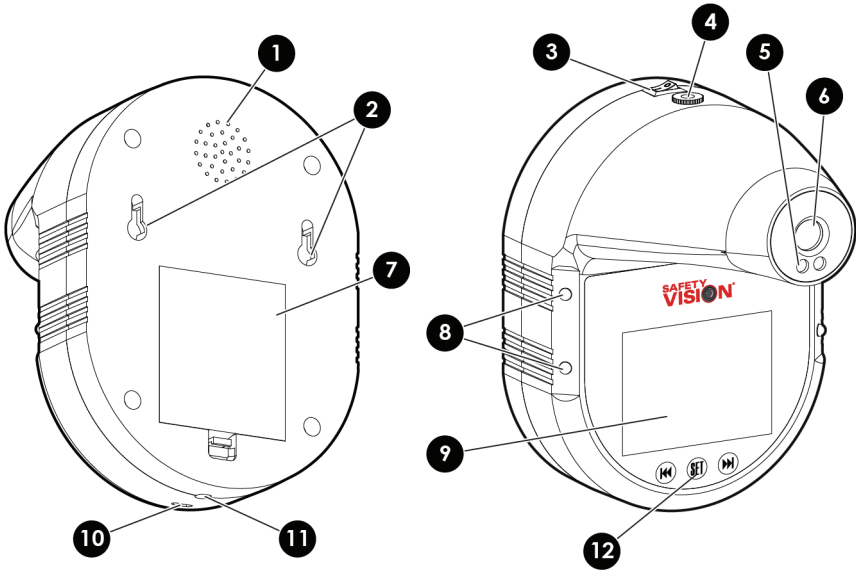
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Features

- **No contact temperature measurement:** The SV-IR-TEMP measures forehead or hand temperatures and is accurate up to 11.8 inches away.
- **Voice Alarm:** After passing the detector an audible voice will state “normal temperature” for a normal body temperature or “please retest” for an abnormal body temperature.
- **Easy to use:** Just put in four (4) AA batteries and it is ready to use.



Components



1 Speaker

- Verbal alert when temperature is normal ("normal temperature") or abnormal ("please retest").

2 Wall Mounting Holes

3 Power Switch

4 Output Signal Socket

5 Distance Sensor

6 Infrared Temperature Sensor

7 Battery Cover

- The SV-IR-TEMP uses four (4) AA batteries.

8 LED Indicators

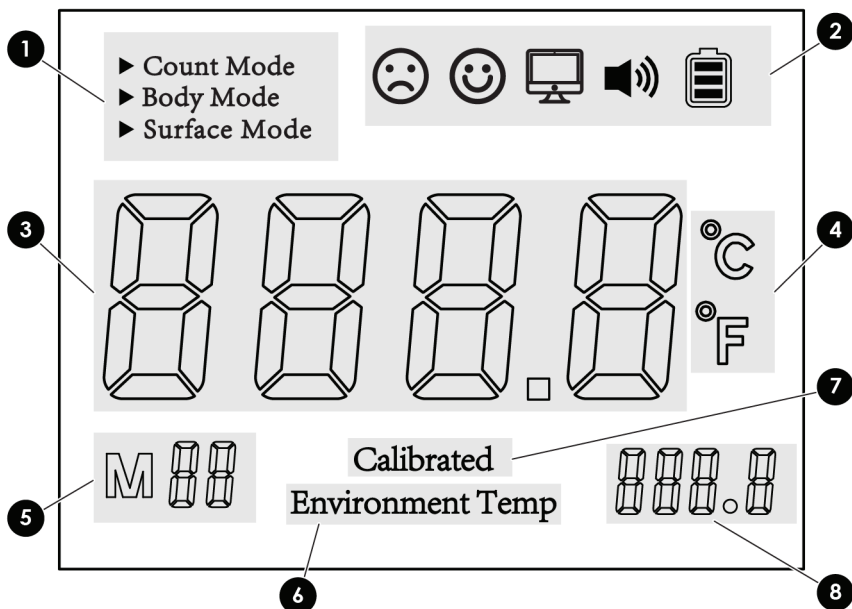
9 Display Screen

10 USB-C Power Supply and Transmission Socket

11 Tripod Mounting Hole

12 SET Button

Display



1. Current Working Mode

- **Count Mode:** Count the number of people and objects pass by the thermometer (1-9999).
- **Body Mode:** Measure body temperature (*default*).
- **Surface Mode:** Measure the surface temperature of an object.

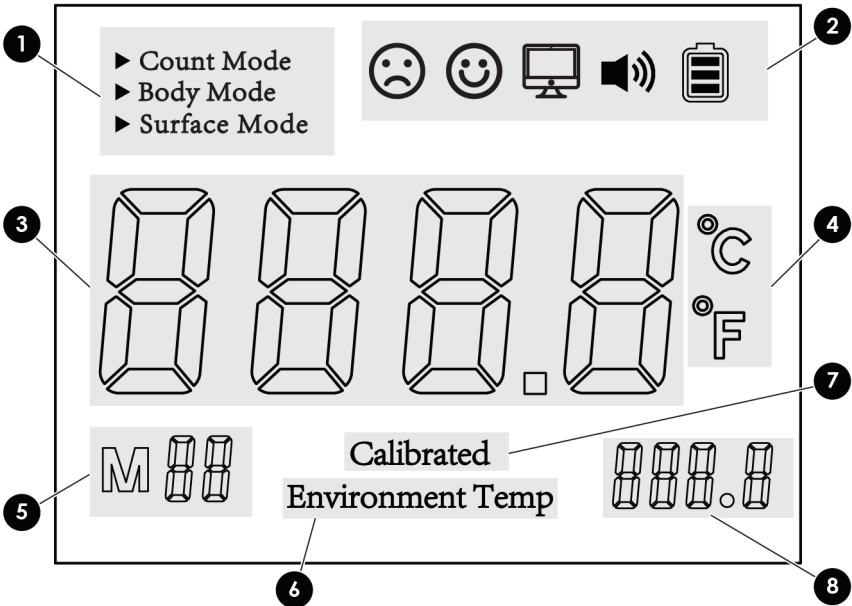
2. Status Indication

- **Expression:** Displays a ☺ (*normal temperature*) or ☹ (*abnormal temperature*)
- **USB Connection Status**
- **Volume**
- **Remaining Power**

3. Measurement Result: Temperature value or count value

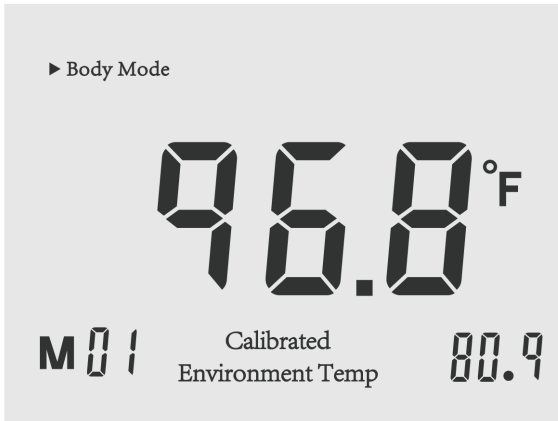
4. Temperature unit: Celsius or Fahrenheit

(Display cont.)

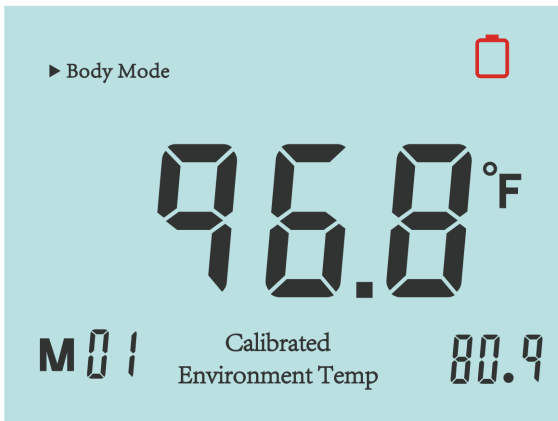


- 5. Setting Item or Historical Record:** An M indicates the current historical record number; F indicates the setting item number.
- 6.** Displays "History Temp" or "Environment Temp"
- 7.** Indicates that thermometer is calibrated.
- 8.** Displays the environment temperature.

Alerts



1. **Standby:** the backlight is turned off and the temperature remains displayed.

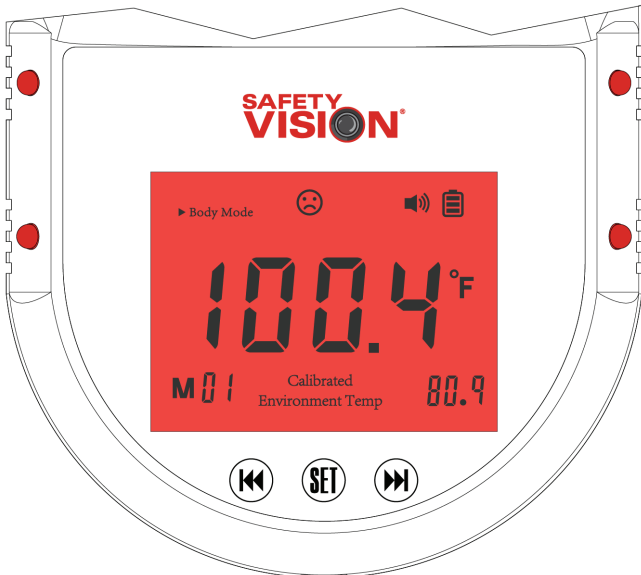


2. **Insufficient Power:** the icon flashes and displays that the battery is empty.

(Alerts cont.)

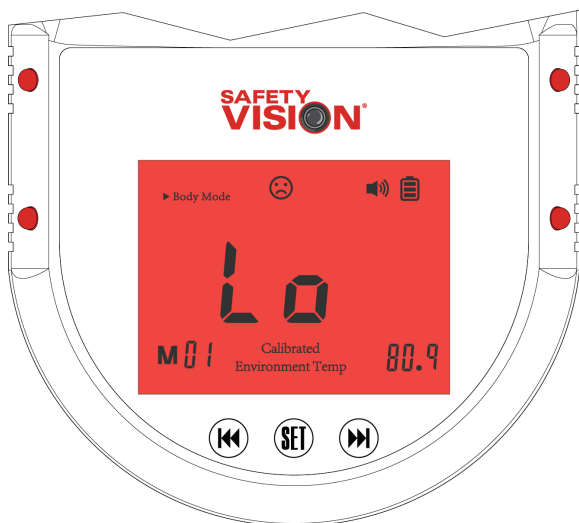


- 3. Normal Temperature:** flashing green LEDs on both sides.

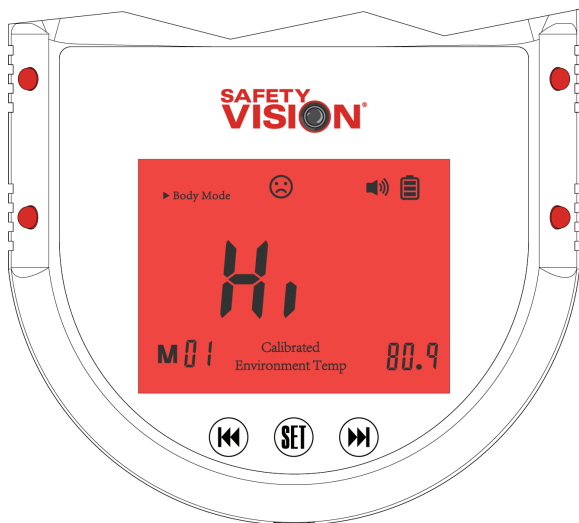


- 4. Abnormal Temperature:** flashing red LEDs on both sides and backlight turns red.

(Alerts cont.)



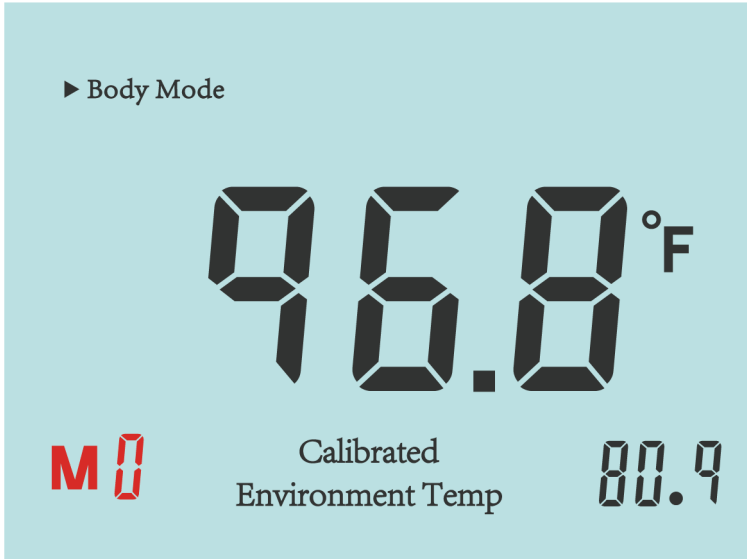
5. Lo (in Body Mode): temperature is out of range and lower than 95° F and backlight turns red.



6. Hi (in Body Mode): temperature is out of range and higher than 107.6° F and backlight turns red.

Operation

Temperature Measurement: Stand 1.97" - 11.8" in front of the temperature sensor.



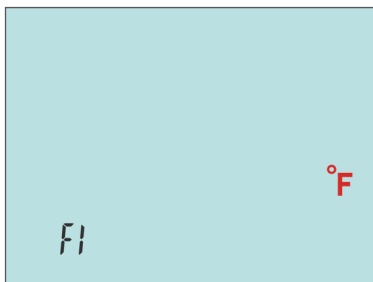
Historical Temperature Query: Press the left and right buttons to query the historical temperature, M represents the current historical temperature. The SV-IR-TEMP currently supports up to 99 historical temperatures.

Settings

1 Temperature Display Units

Press the SET button once to F1. Press the left and right buttons to switch between Celsius ($^{\circ}\text{C}$) and Fahrenheit ($^{\circ}\text{F}$).

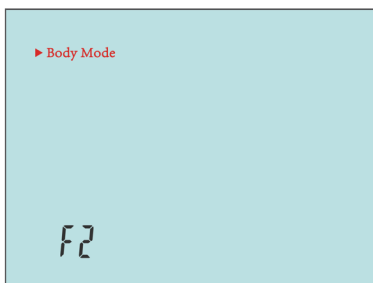
Note: Default is Fahrenheit.



2 Modes

Press the SET button until F2 appears. Press the left and right buttons to change modes.

Note: Default is Body Mode.



3 Alarm Temperature Setting

Press the SET button until F3 appears. Press the left and right buttons to switch the alarm temperature between $98.6^{\circ}\text{F} \sim 100.4^{\circ}\text{F}$.

Note: Default is 100.4°F

Note: The alarm value is only available in Body Mode, there is no alarm temperature in the Surface or Count modes.



(Settings cont.)

4 Volume

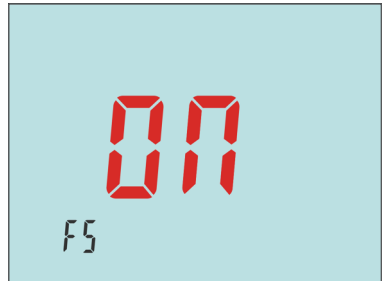
Press the SET button until F4 appears. Press the left and right buttons to adjust the volume. The more parentheses in front of the speaker icon, the greater the volume. The volume is muted when the speaker icon disappears.



5 Backlight

Press the SET button until F5 appears. Press the left and right buttons to turn the backlight on or off

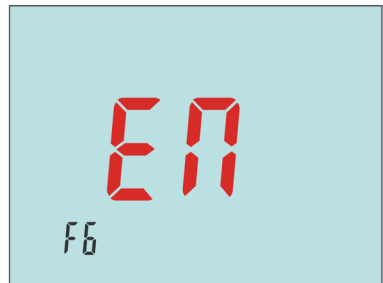
- ON: the backlight is on
- OFF: the backlight is off



6 Language

Press the SET button until F6 appears. The voice broadcast language, English (EN), is displayed.

Note: default is English.



(Settings cont.)

7 Output Signal

Press the SET button until **F7** appears.
Press the left and right buttons to switch the output signal type.

- S1: switch mode
- S2: pulse mode



Additional Information

1. When changing the operating environment, the device must be left to stand for more than 30 minutes.
2. Avoid direct sunlight when using outdoors.
3. Keep away from the air conditioner, fans, etc.

Appendix A: Specifications

PART NUMBER

SV-IR-TEMP

TEMPERATURE MEASUREMENT SPEED

Less than 1 second

TEMPERATURE MEASUREMENT ACCURACY

$\pm 0.2^{\circ}$ (place in the operating environment for 30 minutes before use)

TEMPERATURE MEASUREMENT DISTANCE

1.97 ~ 11.8 in (50 ~ 300 mm)

POWER INPUT

5V DC, 500mA

STANDBY

30 seconds automatic standby during non-working times

MEASURING RANGE

0° F ~ 122° F (0°C ~ 50°C)

OPERATING TEMPERATURE

-14° F ~ 104° F (-10°C ~ 40°C)

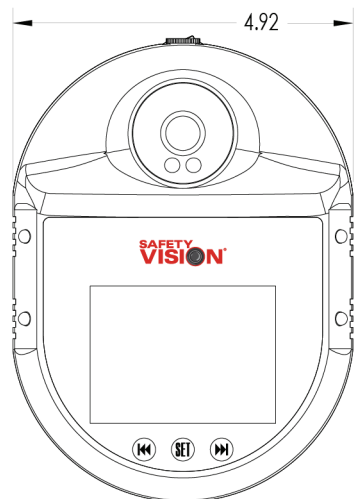
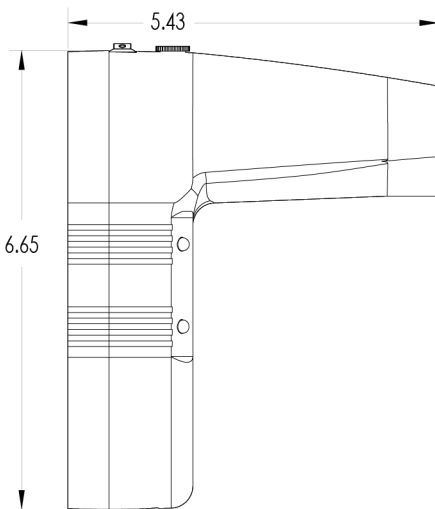
DIMENSIONS (W × H × D)

4.92 × 6.65 × 5.43 in (125 × 169 × 138 mm)

CERTIFICATIONS

CE, FCC, ROHS

Appendix B: Dimensions



FCC Compliance Statement

This device has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference in which case the user will be required to correct the interference at its own expense.

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for the compliance could void the user's authority to operate the equipment.

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