

Shen Zhen Shinho Electronic Technology Co., Ltd.

IR Body Temperature Scanner

Model Number: ST-200S



Imported Thermal Infrared Sensor, High Sensitivity

## Applications:

It is suitable for crowded places, such as stations, hospitals, schools, banks, office buildings, military compound, office halls of various institutions, residential quarters, factories, and markets, etc.

## I . Product Description

The temperature measuring machine adopts high-precision thermal imaging infrared temperature measuring sensor. The optimal measuring distance is 0-10cm. The temperature measurement passing rate about 1s of each person, with high test speed.

High precision and high resolution, don't be influenced by the sunlight and environment. The measurement error is  $\pm 0.1^{\circ}\text{C}$  of indoor temperature. The initial temperature setting value is  $37.3^{\circ}\text{C}$  (adjustable). It will alarm when the body temperature over  $37.3^{\circ}\text{C}$ .

## II . Product Parameters

Working temperature:  $-20^{\circ}\text{C}\sim 45^{\circ}\text{C}$

Temperature measurement range:  $-20^{\circ}\text{C}\sim 100^{\circ}\text{C}$

Temperature measurement error:  $\pm 0.1^{\circ}\text{C}$

Rate: 1.0 second per person (average data)

Working voltage: 3.3~5V

working current: 5mA

Power supply: AC110-220V, 50/60HZ

Built-in battery: 5000MA lithium battery, supported to work over 24 hours.

Power: < 10W

Net weight: 950g

Dimensions: 246mm (height) × 139 mm (width) × 30mm (deep)

Materials: Aluminum alloy outer

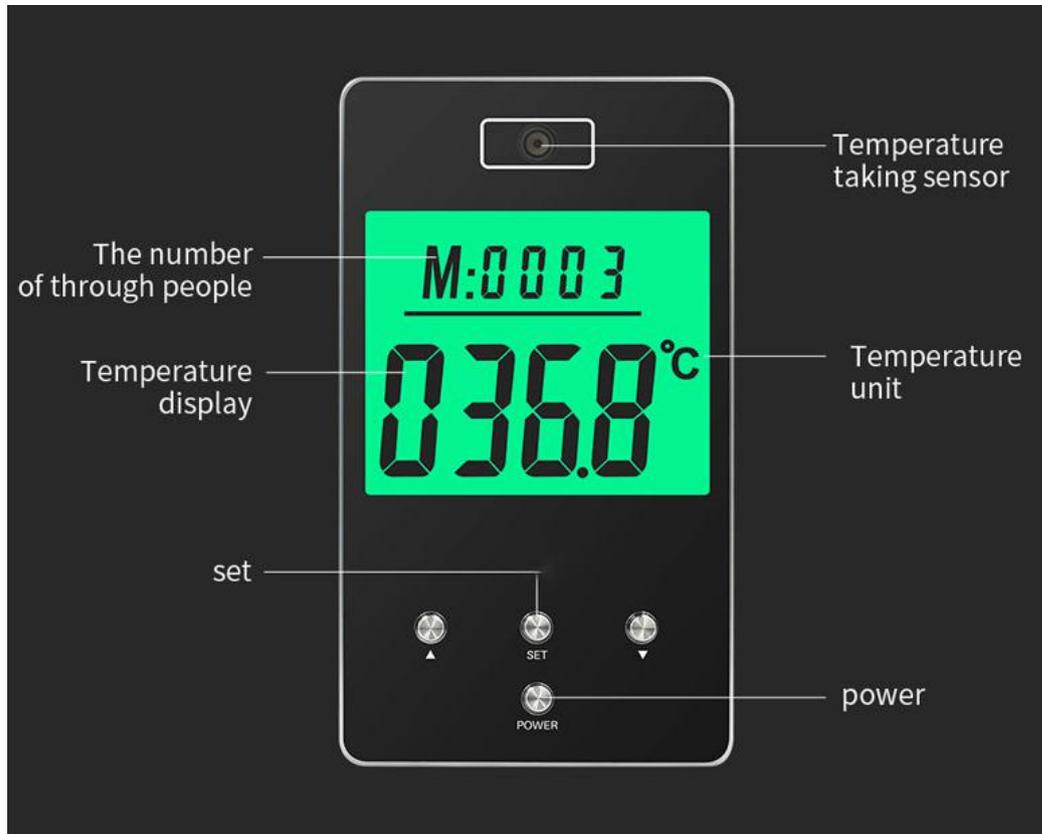
Waterproof grade: IP55

Installation method: wall-mounted installation, standing installation, turnstiles installation.

Unlocked signal output: supported .

### III. Introductions of Function and Temperature Measurement Alarm

Prompt.



### Test Examples



**Normal temp**

Blue 37.3°C



**Low fever warning**

37.3°C-37.9°C



**High fever alarm**

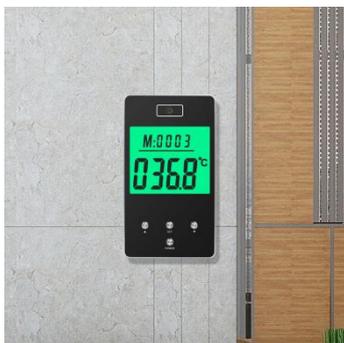
Above 38°C

#### IV . Product Size



#### V . Equipment installation

With easy installation, can be installation in the wall and bollards; and can be worked with the passage gate, the best working temperature about  $-10^{\circ}\text{C}$ - $30$  .



Wall



Bollards



Passage Gate

Turn on after installation, and can be work after 60s initialization !

**Attention: Please keep the wall and floor smooth, and make sure the safety of the bollards !**

## VI. Operation

1. Turn on: plug in(power supply: 220V) press the "power"for 2s , then will hear "Di"( built-in battery 5000Ma, can be worked by battery more than 24 hours ).
2. Start work : the sensor will initialize after 60s.
3. Temperature taking : forehead or the palm close to the sensor (<30cm), the best distance no more than 10cm, will be complete after hear "Di"!
4. Standby: without operate for 2 hours, will turn off the display screen automatic, the device will standby, press the"power"for 2s will restart !
5. Access control : will open the gate after get the normal temperature .

## VII.Attention

1. Please don't taking temperature after suckle for a while !
2. Please don't drink, eat or exercise before temperature scanner !
3. Please clean by sanitizer if the sensor with the dust, hair or sweat.
4. Please leave the sensor after hear "Di" .
5. Please taking temperature at designated area.

## IX. Warranty and After-sales Service

Dear Customers,

Thank you for your patronage ! In order to protect your rights, please read the contents as follow carefully:

1. Please note, the following situations are not within the scope of free maintenance, we will provide paid service.
  - 1). Failure to install or use the product according to the instructions.
  - 2). Exceeds the warranty period.
  - 3). Use spare part that not our company's caused damage to the machine.

- 4). The product has been disassembled or repaired by non-authorized personnel of our company.
- 5). Accidental factors or human behavior lead to product damage, such as mechanical damage, breakage, severe oxidation of the product, etc.
- 6). The damage caused by transportation and loading and unloading during the customer's return to repair.
- 7). Product damage caused by other irresistible natural forces such as earthquakes and fires.
- 8). Other failures or damages caused by problems other than product design, technology, manufacturing, quality, etc.

## 2. Special Instructions

- 1). It will not available to replace, If there are obvious artificial damage, cracks, severe deformation and other phenomena.

The user should purchase it by themselves.

- 2). Warranty replacement is limited to core parts. Not Included the packaging and various technical information, etc.

It is available to replaced directly if any problem occurs within 15 days after purchasing (the product appearance must be complete without any scratched) .

Warranty replacement products must be tested by our company.

The machine without problems will be returned directly to the customers.

The same type of products will be replaced for customers once we confirm the faults on the machine, and we will keep the replacement defective spare parts.

3. The regulations takes effect on the date of promulgation.
4. One-year warranty .