Safeway System Infrared Thermometer Pole

for body temperature measuring

Product Introduction

The infrared temperature measuring device is the human body surface temperature screening instrument. The test results reflect the real-time temperature evaluation of objects or people in a specific environment. It is mobile, portable and light-weight, which can attach anywhere indoor or outdoor facilities.

* LED panel show the value of temperature,high and low temperature up and down line can be set

* Non-touch temperature measuring far away 1-50cm distance , the fastest detection time is less than 0.5 seconds

* Imported from Belgium, Melexis core, medical high precision sensor IR temperature module

* Network output interface can be customized to provide gateway, face recognition, ID card reading information output and secondary development.

* With low temperature weather compensation function, up and down adjustment of 2 ℃, low temperature below zero can work normally

* Real-time voice broadcast temperature is abnormal, high temperature sound and light alarm
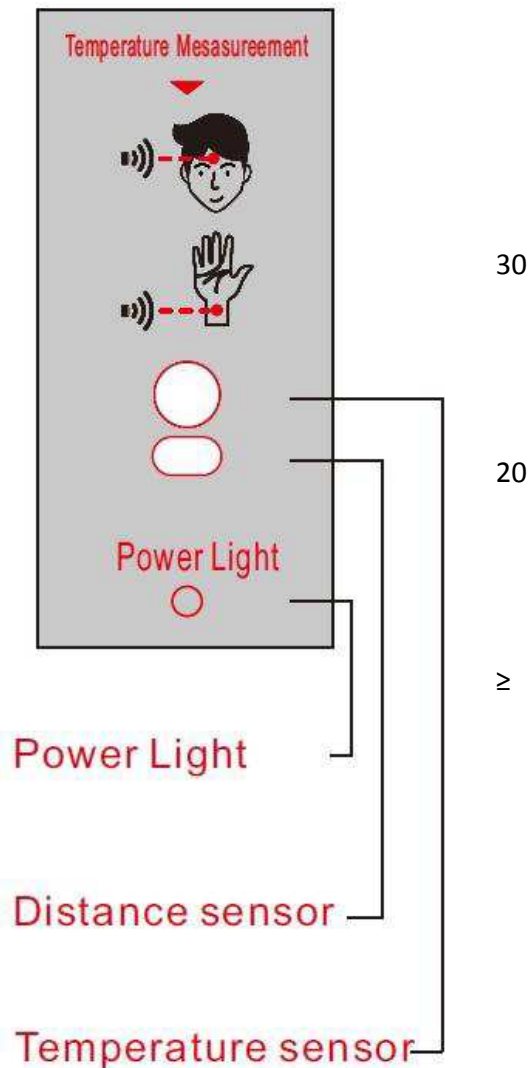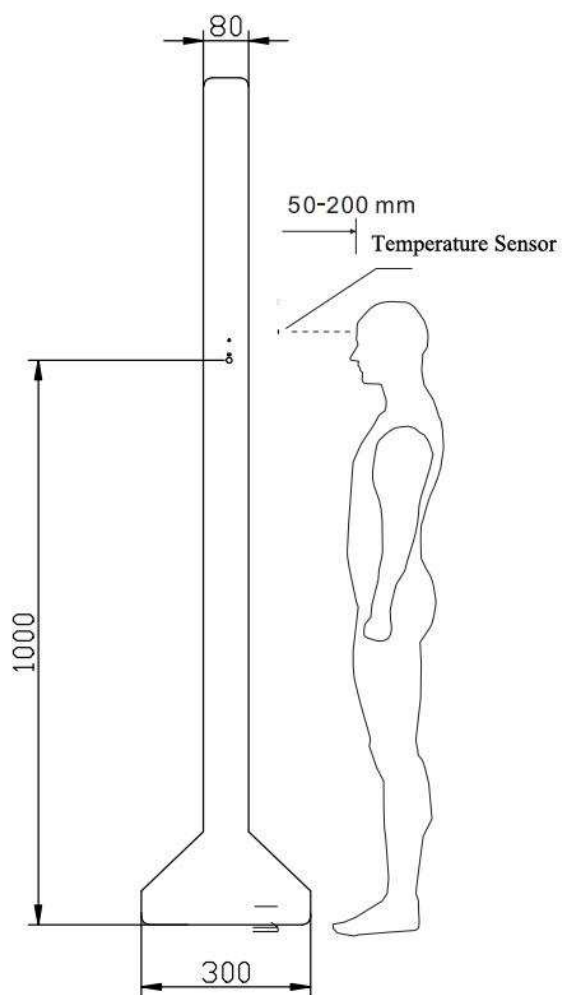
Temperature measurement module

Temperature sensor:

Real time infrared thermo sensor to detect temperature, ready in seconds after power on.

Distance sensor:

The distance sensor starts working when a person or object is in cm to it. If the temperatureof person or object detected is ≥ 35.5 ℃, the voice "Normal temperature" is trigged; If it's lower than 35.5 ℃, or higher than the set value with alarm, the voice "Please check again" is trigged. When the ambient temperature is lower than 15 ℃,If thetemperatureof person or object detected is 34.5 ℃, the voice "Normal temperature" is trigged; If it's lower than 34.5 ℃, or higher than the set value with alarm, the voice "Please check again" is trigged.

Special attention: the distance sensor shall not be blocked, otherwise it will repeat the voice broadcast.

30

20

≥

Temperature Mesasureement

Power Light

Power Light

Distance sensor

Temperature sensor
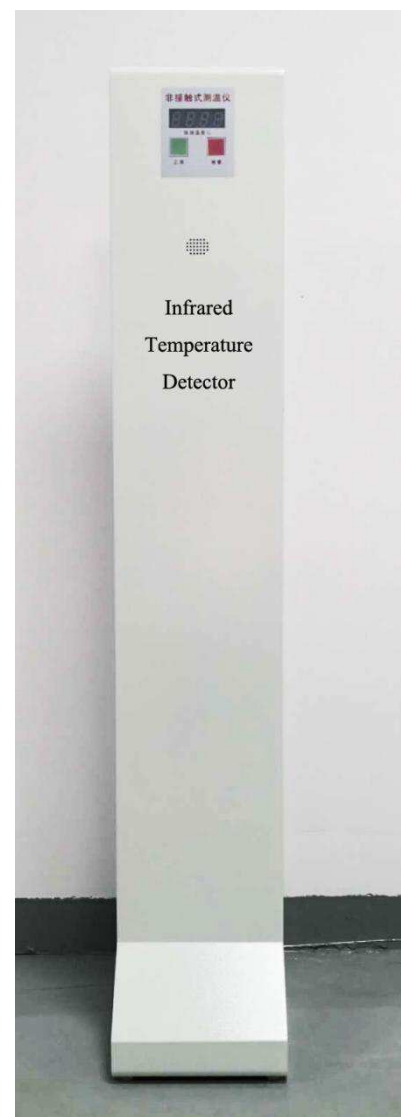
80

50-200 mm
Temperature Sensor

1000

300

Instruction of temperature measurement

1. Power on and wait for 30 seconds, keep nothing in front of the temperature sensor.

2. Normal ambient temperature is 0 ° C - 30° C. When using it at - 10 ° C, you have to decrease the environment temperature compensation, 5° C per time, until the result difference between it and the forehead thermometer is less than ± 0.3° C. In case the results of many persons are low, it can also be calibrated by this method. When it is used in an environment more than 30° C , it is necessary to customize the sun protection and anti high temperature switch.

3. Measurement method: Measure forehead or wrist surface

4. Forehead temperature and wrist surface temperature can be measured without adjusting settings.

5. Measurement area: the center of forehead or the wrist covered by sleeve.

6. Standard measurement distance: 1cm-10cm. When measuring at a distance of 10-30cm, it is necessary to adjust the environment temperature compensation, 5° C per time, until the result difference between it and the forehead thermometer is less than ± 0.3° C.

7. Measurement time: 0.5 seconds. After the measurement, please leave quickly. Otherwise the measurement will be repeated.

8. During the temperature measurement, influenced by the measurement speed, the temperature might suddenly fluctuate up and down. In this case, please measure the body temperature 3-5 times continuously, and take the average value as the final measurement result.

9. The instrument automatically detects the temperature of the object in 20cm in front of it. After measuring the temperature, we have to move our hand or forehead away. If we keep close to the sensor for long time, it will stop

working as a protection.

Basic parameters

Product weight: 13kg
Power consumption: less than 10W
Working temperature: -10 ~ 40 ℃
Operating humidity: 95%, non-condensing
External power supply: AC 100 ~ 240V, 50 / 60Hz
Temperature measurement speed: less than 1 second
Temperature measurement accuracy: ± 0.3,
Temperature measurement distance: 1-20CM
Product size: 1500(H)＊ 260(W)＊ 300(D) mm

Softeware for date remote control option:

Software for data remote control option: