USER MANUAL

HK3

Introduction

- Infrared Measurement
- Distance Sensor
- Speaker
- Humidity Sensor
- Alarm Light
- ON/OFF Button
- Indicator
- USB Port
- Set Button

- Hanging Hole
- Battery cover
- Double-sided tape area
- Tripod Mount
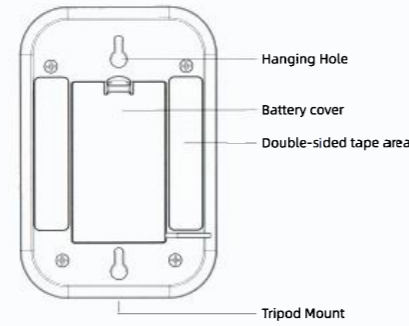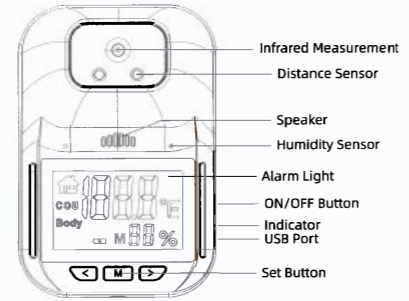
Specification
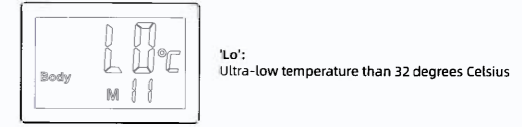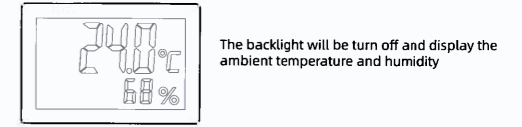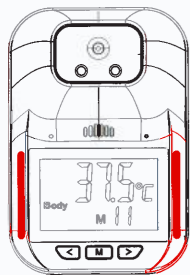
Accuracy	+/-(Up and down)0.2 degrees (35 ~ 42℃, place it in the operating environment for 30 minutes before use)
Alarm Function	abnormal automatic alarm, flash + sound alarm for about 5 seconds
Measuring distance	5~10cm automatic measurement
Display	3.2" LCD display
Transmission interface	Micro USB
Adaptable power supply	3*AA batteries (external power supply and internal power supply can be automatic switched)
Install method	Tripod Mount,nail hook, double-sided adhesive sticking
Environment temperature	10℃-40℃ (recommended 15℃-35℃)
Measuring range	0~50℃
Response time	0.5s
Standby	30s automatic standby during non-working hours
Input	DC 5V 1A
Weight	266g
Dimensions	185X100X134mm
Counting Range	0~1999

Display Description

- surface mode
- count mode
- body mode, environmental temperature
- humidity mode(When blank and no icon)

Working mode

Measurement result: temperature status or count status.

Temperature unit: Celsius or Fahrenheit.

Setting item or historical record or humidity display: M** indicates the historical record number; F* indicates the setting item number; **% environmental humidity display

State description

The backlight will be turn off and display the ambient temperature and humidity

'Lo': Ultra-low temperature than 32 degrees Celsius
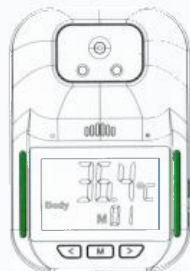
'HI': Ultra-high temperature than 42 degrees Celsius

Abnormal temperature:
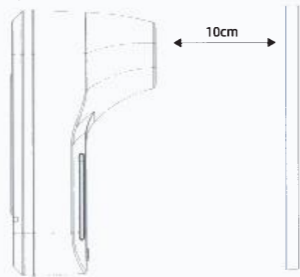Flashing red lights on both sides.

Normal temperature:
Flashing green lights on both sides.

Operation Instruction

1.Temperature measurement:
Stay 5-10cm away from the sensor to measure the temperature.

10cm

2.History temperature query:
buttons to query the historical temperature,M** represents the current historical temperature.The device current supports up to 32 historical temperatures.
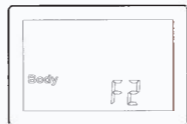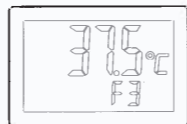
Press the left and right

3. Temperature unit setting:
Press the SET button to F1, press the left and right buttons to switch between Celsius and Fahrenheit.
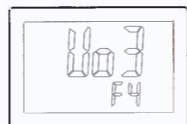°C:Celsius °F:Fahrenheit

4. Mode setting:
Press the SET button to F2, press the left and right buttons to switch the working mode.

5. Alarm temperature setting:
Press the SET button to F3, it is the alarm setting state of the body mode. Press the left and right buttons to switch the alarm temperature between 37.0~38.0. The default is 37.5℃.
Note: The alarm temperature is only valid in the body mode.

6. Volume setting:
Press the SET button to F4, it is the volume setting state. Press the left and right buttons to adjust the volume. The more parentheses behind the small speaker,the greater the volume, and the disappearance of the small speaker represents mute.
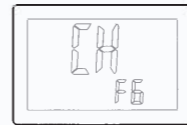Note:
This is an optional feature, when the buzzer sounds, the volume setting is invalid
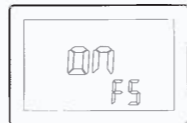
7. Backlight setting:
Press the SET button to F5, it is the backlight setting state. Press the left and right buttons to turn the backlight on or off.
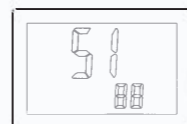
ON: turn on the backlight   OFF: turn off the backlight

8. Language setting:
Press the SET button to F6, press the left and right buttons to switch the language of the voice broadcast.

CH: Chinese   EN: English

9. Output signal setting:
Press the SET button to F7, press the left and right buttons to switch the output signal type.
S1 represents the switch mode and S2 represents the pulse mode.
For more instructions about output signals, please refer to output signal user guide.

10. USB connection:
- Use Micro USB cable to connect to computer, turn on Software on the computer, You can connect to the device and store the measurement results in real time. For more instructions, see the software user guide.
- Use Micro USB to connect the adapter or power bank for power supply.

11. Battery installation:
Open the battery cover and install the new battery correctly according to the battery polarity.
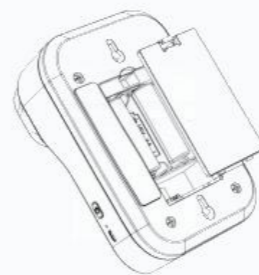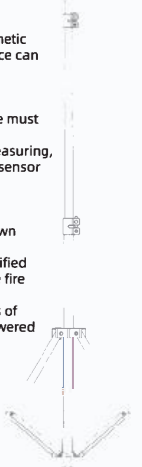
12. INSTALLATION METHOD

Hook Up

Double-sided Tape

Warnings

1. It is the user's responsibility to ensure the electromagnetic compatibility environment of the device so that the device can work normally.
2. It is recommended to evaluate the electromagnetic environment before using the device.
3.When Changing the operating environment, the device must be left to stand for more than 30 minutes.
4.Metal and hair will affect the infrared sensor, when measuring, please take off the glasses,forehead is aligned with the sensor head.
5.Please avoid direct sunlight when using outdoors.
6.Keep away from air conditioners, fans, etc.
7.To save power, the machine will automatically shut down after 12 hours of no operation.
8.Please use qualified, safety-certified batteries, unqualified batteries or non-rechargeable Batteries used may cause fire or explosion.
9.Please replace the battery in time when the brightness of the screen changes significantly when using battery-powered measurement

Bracket Fixing