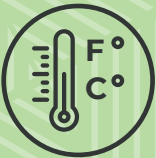


# Thermo Check

Wall Mount Infrared Thermometer

  
iGear  
innovation. delight



Dual  
Temperature  
Mode



Automatic  
Sensor



High  
Temperature  
Alarm



Rechargeable  
Battery



**Model No.: iG-K3X**

## Directory

Statement .....	2
Scope of application.....	2
Structural componets .....	2
Part name .....	3
Technical indicators .....	4
How to use.....	4
Operating steps .....	5-6
Function key description .....	7
Contraindications, precautions, warnings .....	7-8
Installation and replacement of batteries .....	9
Daily maintenance.....	10
Trouble shooting .....	10

## Statement

1. Please read this manual carefully before use.
2. The ambient temperature to use this product is 16° C to 35° C and the optimal temperature is 25° C.
3. Please do not use product in an environment above 35° C or below 16° C
4. Please do not place this product too close to charge object to avoid electric shock.
5. Do not use this product in an environment with relative humidity greater than 85%
6. Please do not place this product too close to the electromagnetic range (such as radio, mobile phone, etc.).
7. Please do not expose the product to the sun or place near the stove. Keep away from water sources as well.
8. Please do not bump or drop the product, and do not use it is damaged.
9. Hair on the forehead sweat, sweat, hat or scarf will affect the accuracy of the measurement data.
10. Please make sure that the measurement distance is not greater than 5 cm.
11. In order to obtain accurate and stable measurement data, when the temperature varies greatly, this product should be used indoors for 15-20 minutes.
12. When cleaning is required, please gently wipe the surface of the instrument with moist cloth.
13. If there is a problem with the product, please contact the distributor and do not attempt to repair it yourself.
14. The product may have different functions due to product batches or upgrades.

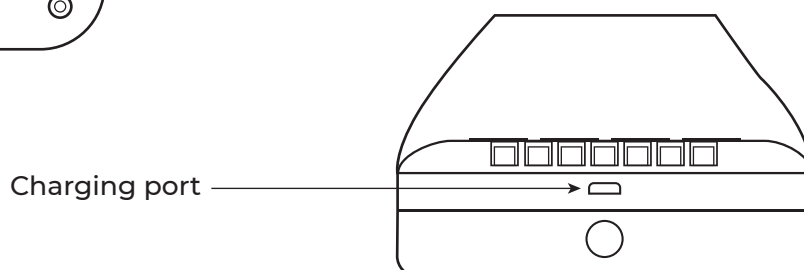
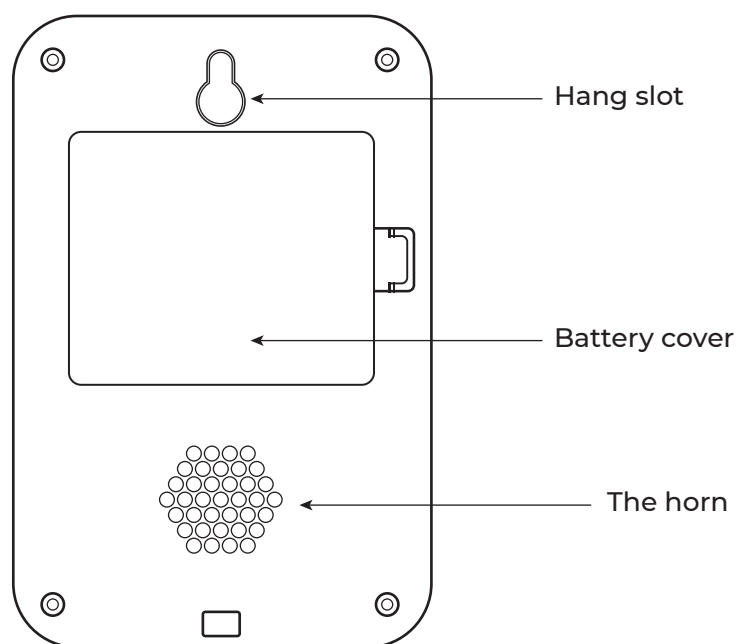
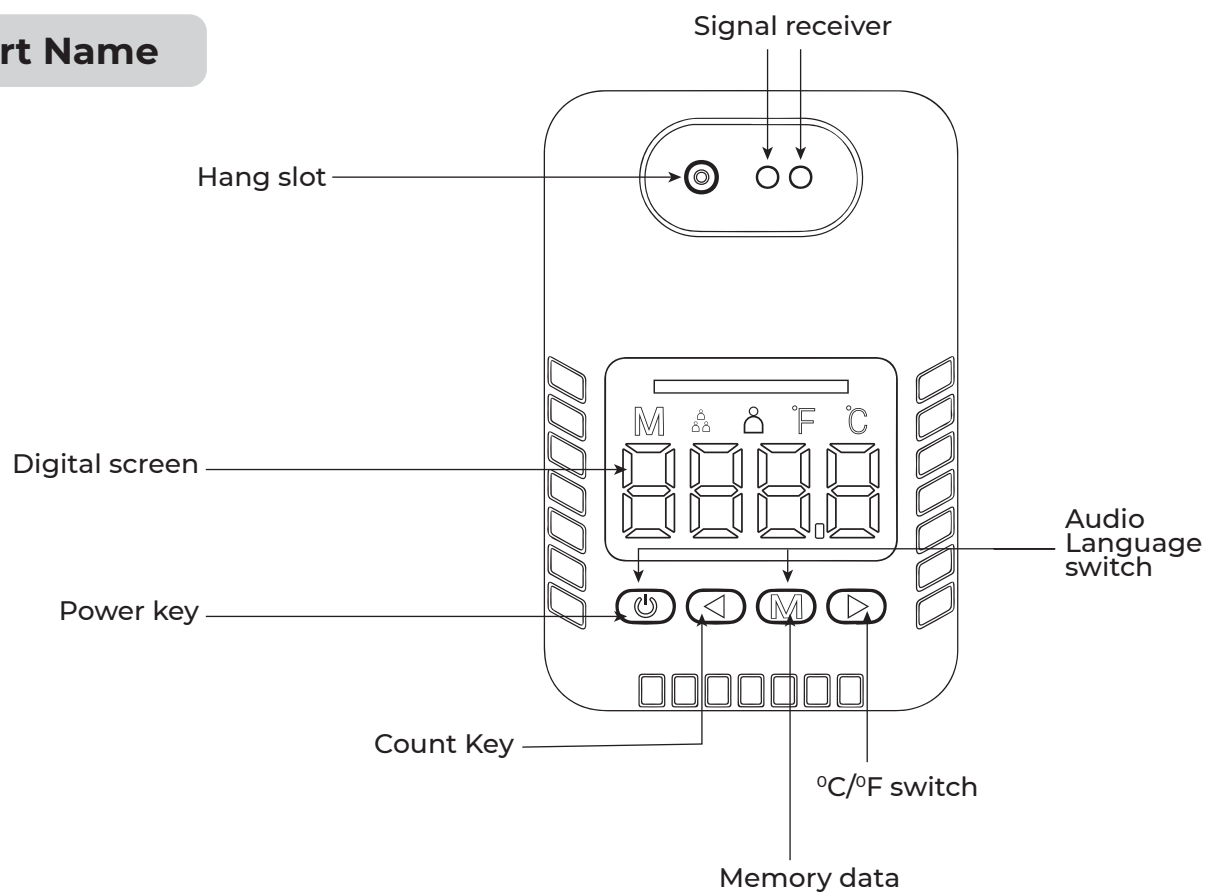
## Scope of application

The body temperature of the measured object is displayed by measuring the heat radiation from the forehead.

## Structural composition

This product consists of infrared temperature sensor single receiving processor, buttons, PCB board, beep Device and digital display, battery cover, body.

## Part Name



## Technical indicators

Product Name	ThermoCheck
Product Model	iG-K3X
Measuring distance	1 cm - 7cm
Measuring rang	32.0° C – 43.0° C (89.6° F- 109.4° F)
Response time	0.5s
Operating environment	Temperature: 16° C - 35° C (60.8° F – 95° F) Relative humidity: ≤80%
Transportation storage environment	Temperature: 0° C - 50° C (32 °F – 122 °F) Relative humidity: ≤93%
Power supply	DC (3AAA batteries) / 1200 mAh rechargeable battery
Display unit	Celsius (°C) Fahrenheit (°F)
Size	63mm x 100mm x 150mm
Weight	200g
Installation	Wall hanging, double-sided adhesive tape, bracket fixed

## How to use

Preventive inspection:

- (1) The thermometer should be calibrated before measurement to check the function of each component and maintain the good performance of the thermometer.
- (2) Keep the power supply sufficient.
- (3) After the product is packaged, it is allowed to be transported by common transportation, but it should avoid rain, moisture, and mechanical collision.

## Operating steps

### 1. Measurement operation

Figure 1

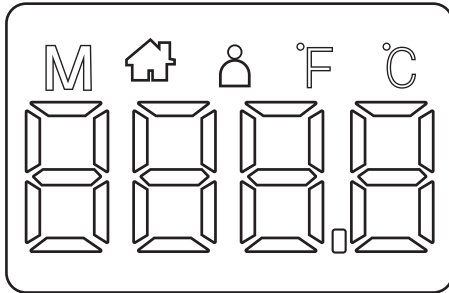


Figure 2

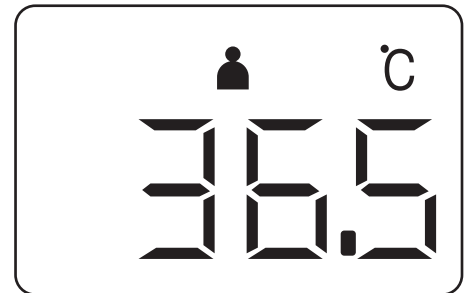
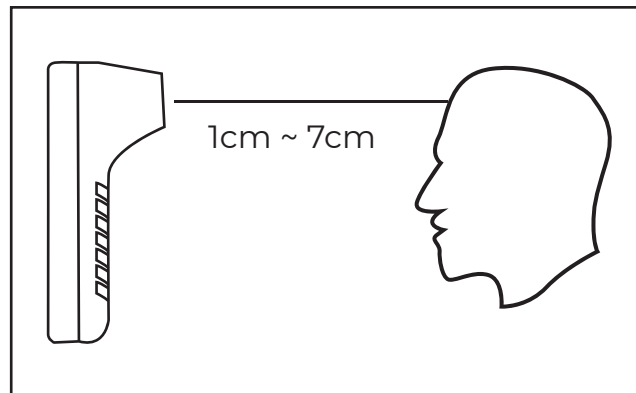


Figure 3



#### 1.1. Anthropometric

- Press the measurement key to turn on the thermometer. At this time, the full screen is displayed, as shown in Figure (1).
- Switch the thermometer to human body temperature mode and measure the temperature of the human body as shown in Figure [2].
- Align the thermometer probe in the middle of the forehead and keep it vertical, the distance should be about 1-7cm as shown in the figure [3]. Start the measurement, when “di” sound is played, the measured value will get displayed. If the body temperature exceeds normal temperature, a short “di di di” tone will be played to notify the person.

## 1.2 Description of measurement results.

Figure 4

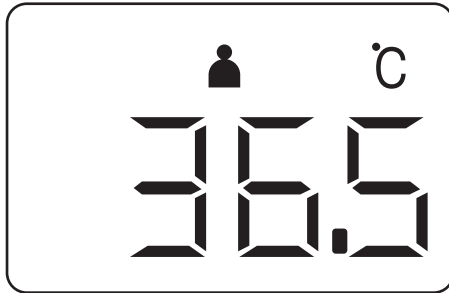
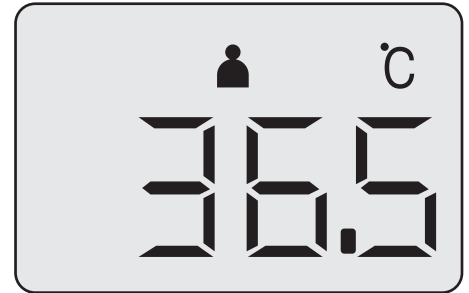


Figure 5



### Body Pattern:

1. "Lo" is display on the screen, when the temperature is less than 32. 0.
2.  $32.0 \leq \text{temperature} < 37.2$ , the thermometer will notify saying "Normal Temperature"
3.  $37.2 \leq \text{temperature} < 37.9$ , the thermometer will notify saying "High Temperature"
4.  $37.9 \leq \text{temperature}$ , the thermometer will beep three times and notify saying "Super high temperature"
5. "H" is displayed on the screen, when the temperature is more than 42.9 OC.

### Note:

According to the person 'S skin colour, thickness and body parts and when the ambient temperature changes greatly. The measured temperature values will vary, which is normal. The more exposed the human body.  
The reading is affected by ambient temperature

## Display icon definition

### Count key:

Press the count key to view the total number of readings (Do not use when power is off)

Long press the count key to clear the total number of reading to 0. Display will show 0000 and then return to the temperature measurement interface.

### Memory key:

press the memory key to light up and check the temperature record data by pressing the left and right keys. First it will display the head count, the temperature data. In head count mode, thermometer will not display °C/°F. When displaying the temperature, thermometer will display °C/°F to distinguish between the representative meaning of numbers.

Long press the Power key and the memory key and then use the right or left arrow keys to switch between the audio language

### Power button:

Short press in standby mode to start temperature measurement or long press to turn off

## Contraindications, precautions, warnings

### 1. Contraindications

- 1) There is no standard value for body temperature, please consult your doctor if you have fever.
- 2) Patients in coma and terminal stage.

### 2. Cautions

- 1) This product is a medical infrared thermometer that professionally measures the temperature changes greatly, the medical infrared thermometer should be placed in the room for 20 minutes before use.



- 2) When the room temperature changes greatly, the medical infrared thermometer should be placed in the room for 20 minutes before use.
- 3) When the person to be measured comes from a place that is significantly different from the measured ambient temperature. Stay in the environment for more than 5 minutes and wait for the ambient temperature before measuring.
- 4) The surrounding environment of the person under test should be stable.
- 5) Do not use the instrument outdoors or in a place with strong sunlight.
- 6) Do not touch the front end of the thermometer during measurement.
- 7) The measuring area should not be covered by hair. If you have sweat, wipe it off with a dry towel measuring latter will affect the measurement result.
- 8) Fever patients' cold forehead, sweating and other cooling measures will make the measurement result. Low, avoid measuring in this case.
- 9) After replacement of components such as batteries, and the host that has reached the end of its usage life, please discard the piece as per local laws and regulation.

### **3. Warning**

1. Make sure to move your hair and wipe off the sweat from the forehead before measuring.
2. Result of this product cannot replace a doctor's diagnosis.
3. Please contact the distributor if there is a problem with the product, and do not attempt to repair it by yourself.
4. The protective glass outside the LCD frame is very important, it is also the fragile part of the meter, please use the LCD frame is very important, it is also the fragile part of the meter, please use it with care.
5. Do not charge non-rechargeable batteries and do not throw them into fire.
6. Please do not expose this product to the sun, or the water and water sources.

## Battery installation and replacement

### 1. Battery installation or replacement

- 1) Open the battery cover and replace the battery. Pay attention to the correct position of the positive and negative electrodes.
- 2) when the instrument is not working the static current is extremely small, but it is recommended to remove the battery when it is not use for a long time. To prevent battery leakage from damaging the product.

Battery replacement: The instrument uses 3V alkaline dry batteries (3 AA batteries) or a 1200 mAh rechargeable battery

Screen display port, indicating that the battery is already in a low-battery state, the battery must be replaced as soon as possible to ensure the accuracy of the measurement.

### 2. Precautions

- 1) When opening the battery cover and replacing the battery, pay attention to the positive and negative poles of the battery.  
Improper removal immediately may cause damage to the product.
- 2) When not in use for a long time, please remove the battery to prevent damage due to battery leakage in the thermometer
- 3) Do not use when the battery is leaking or moldy.
- 4) Do not place the battery close to a fire source or throw it into a fire: To prevent the battery from exploding.
- 5) Do not store the battery in high temperature or humid environment.
- 6) In order to avoid short circuit, please do not put batteries and metal objects such as coins or keys in the same place.
- 7) In case-the electrolyte in the battery accidentally gets into your eyes, please immediately rinse with plenty of water.  
If there is danger of causing blindness and other injuries; go to the nearest hospital for treatment immediately.
- 8) In case the electrolyte in the battery accidentally gets on your skin or clothes, please rinse immediately with plenty of water, otherwise the skin might get damaged.

## Routine maintenance

During the use of the product, please follow the prompts when you find the following conditions.

- 1) External dirt: Wipe the dirt with a clean soft cloth or wipe with a cotton swab and medical alcohol.

Wiping with medical alcohol can also have sterilization effect, but watch out for excessive water or alcohol to prevent damage to the inside of the product.

- 2) Internal dirt: The lens of the internal probe is an important device. Do not use fingers or other object to clean the product, otherwise it will affect the measurement value.  
When the lens surface is found to be dirty, please wipe the lens with a cotton swab moistened with medical alcohol.

**Note:** Do not use 75% sterile alcohol for cleaning, it will leave residual water marks on the lens.

Do not use other chemical wipes to clean the lens it may cause damage to the lens

- 3) Storage: Keep in a dry and dark place out of direct sunlight.

## Troubleshooting

Fault description	Approach
The screen display "LO"	<ol style="list-style-type: none"><li>1. Check the measuring are: If the forehead is dripping, sweating or has cosmetics applied, the measurement might be incorrect</li><li>2. Check the operating environment. Changes in the operating environment may impact the measurement results.</li><li>3. Check the measurement distance (1 - 7cm)</li></ol>
Buttons do not respond	Re-insert the battery
No display or display abnormality	Re-insert the battery
No beep	Check if the beep setting is off
Shut's down immediately	Check the battery level and reinstall the battery



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