



Winning Strategy



H1200 Smart Infrared Thermometer User Manual

3.01.200.10099



Winning Strategy

Introduction

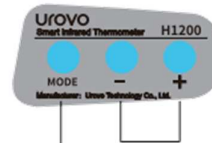
Introduction H1200 is an infrared thermometer. It measures temperature by aiming the sensor at a person's forehead or an object surface.

Product description

The product is assembled by IR module, main board, and housing.



Button description



Menu Button Selection Button

Features

- Contactless measurement.
- High accuracy MEMS IR sensor.
- Fahrenheit and Celsius mode.
- Over temperature setting and notification.
- Dual color backlight.
- Built in buzzer.
- Automatic idle shut off.
- Lightweight and ergonomic design.

Main specifications

1. Working Environment:
Temperature: 10~40 ° C.
Humidity:<85%RH
Rated Voltage: DC 3V (2 x AA batteries)
2. Dimension: 153 x 104 x 39 mm
3. Display Resolution :0.1° C (0.18° F)
4. Measurement Range: 35.0° C ~ 42.9° C
5. Temperature Measurement Accuracy: <0.2° C(0.36° F)
6. Measurement Time: <0.5 sec.
7. Power: <50mW
8. Measurement Distance: 3 ~ 5 cm
9. Timed Shutdown: 15 sec.
10. Weight: 136.5 gram.

Measurement procedure

In order to get precise human temperature, please warmed up for 5 ~ 10 minutes before measuring.

Align the detection window with the forehead of the human body, trig switch to start measuring, result will display on screen. If result is under alarm limit, the backlight will be green and the buzzer beeps 1 time. If the result is over alarm limit, the backlight will be red and buzzer beeps three times.

It is recommended that the user can compare the measured body temperature value with a mercury thermometer when first time using, and enter the menu F4 to adjust the offset according to the deviation to achieve the most precise result.



Urovo Strategy Systems Co., Ltd.

For More Information, please visit <http://winning-strategy.com.hk> or Email us info@winning-strategy.com.hk



Winning Strategy

Setting up

- F1. Temperature unit selection
- F2. Preset temperature for alarm notification
- F3. Measurement mode F4. Measurement offset compensation
- F5. Buzzer enable/disable

A) Temperature unit selection

1. Press and hold the "MODE" button for 2 seconds. The LCD displays F1.
2. Press the "+" button to select Celsius °C or the "-" key to select Fahrenheit °F.
3. Press the "MODE" button again to confirm selection.

B) Preset temperature limit for alarm notification

1. Press and hold the MODE key for 2 seconds. The LCD displays F1.
2. Press the "MODE" button again and the LCD displays F2.
3. Press the "+" button to increase 0.1 °C (0.18 °F), and the "-" button to decrease 0.1 °C (0.18 °F). Factory default: 37.9 °C (100.2 °F)
4. Press the "MODE" button again to confirm selection.

C) Measurement mode: Measure body temperature or object temperature

1. Press and hold the "MODE" key for 2 seconds. The LCD displays F1.
2. Press the "MODE" button again and the LCD displays F3.
3. Press the "+" key to select "Body" to measure body temperature; or press the "-" key to select "Obj" to measure object temperature.
4. Press the "MODE" button again to confirm selection.

D) Measurement offset compensation

1. Press and hold the "MODE" button for 2 seconds. The LCD displays F1
2. Press the "MODE" key three times and the LCD displays F4.
3. Press the "+" button to increase the measurement offset by 0.1 °C (0.18 °F); or press the "-" button to decrease measurement offset by 0.1 °C (0.18 °F)
4. Press the "MODE" button again to confirm selection.

E) Buzzer sound switch

1. Press and hold the "MODE" key for 2 seconds and the LCD displays F1
2. Press the "MODE" button four times and the LCD displays F5.
3. Press the "+" key to enable the buzzer; press the "-" key to disable buzzer
4. Press the "MODE" button again to confirm selection.

F) Quit the setting mode

1. Press and hold the MODE key for 2 seconds, the LCD displays F1
2. Press the MODE key five times to quit the setting mode.

If H1200 is idle for 5 seconds in setting mode, it will automatically shut down.

i) Saving measured value

Every time temperature is measured, the LCD displays the measurement results

2. If certain reading is to be saved, press the MODE button once. To scroll through saved readings, press "+" or "-" button repeatedly.

H) Replacing battery

1. When the battery symbol flashes on the LCD, replace 2 new AA batteries immediately.
2. After replacing battery, the LCD screen will turn on for 2 seconds, follow by 2 seconds of internal calibration before the H1200 shuts down again.

Battery installation

1. Open the battery cover and replace the battery according to the correct polarity.
2. Do not use rechargeable battery on the H1200.
3. Remove the battery from H1200 when shelving the device for long term storage.

Best procedure

The correct procedure is the key to get best accuracy, otherwise it may cause measurement errors. Infrared sensor is sensitive to surrounding, as a result, please follow tips as below:

1. Press the measurement button to turn on the H1200. Device is ready when it displays "L" or "F" on screen.
2. When measuring body temperature, the H1200 should be pointed at the center of forehead in between the eyebrows. The distance between the H1200 and the forehead should be 3 cm to 5 cm.
3. When a person comes from a place with a huge temperature difference as compared to the measurement environment, he should settle in the measurement environment for several minutes before taking the measurement.
4. Avoid wet or sweaty forehead as this may give false readings.
5. Avoid operating in places with large airflow such as fans and air conditioning outlets.
6. Do not use this product under direct sunlight.

Cautions

Keep the product out of the reach of children.

This product must be kept at clean and dry place.

Do not exposed to rain or direct sunlight.

Keep the product away from dust and oil.

Do not touch the infrared sensor.

When soiled, use a cotton swab or soft cloth moistened with water or alcohol to wipe gently.

Dispose batteries in proper recycling bins.

Remove the battery from H1200 during storage

Please follow local laws and regulations for recycling.

Quality assurance and warranty

This product warranty is one year from the date of purchase

Note: Damage caused by abusive handling or unlawful repair is not covered by the warranty.

Please keep your warranty card as proof of purchase during warranty claim

Place of Origin: Shenzhen Quality Inspector: 02

UROVO TECHNOLOGY LTD.
Website: en.urovo.com

UROVO



Winning Strategy



Urovo Strategy Systems Co., Ltd.

For More Information, please visit <http://winning-strategy.com.hk> or

Email us info@winning-strategy.com.hk