

**MEFE**  
MITCHELL ENGINEERING  
FOOD EQUIPMENT PTY LTD

# Instruction Manual

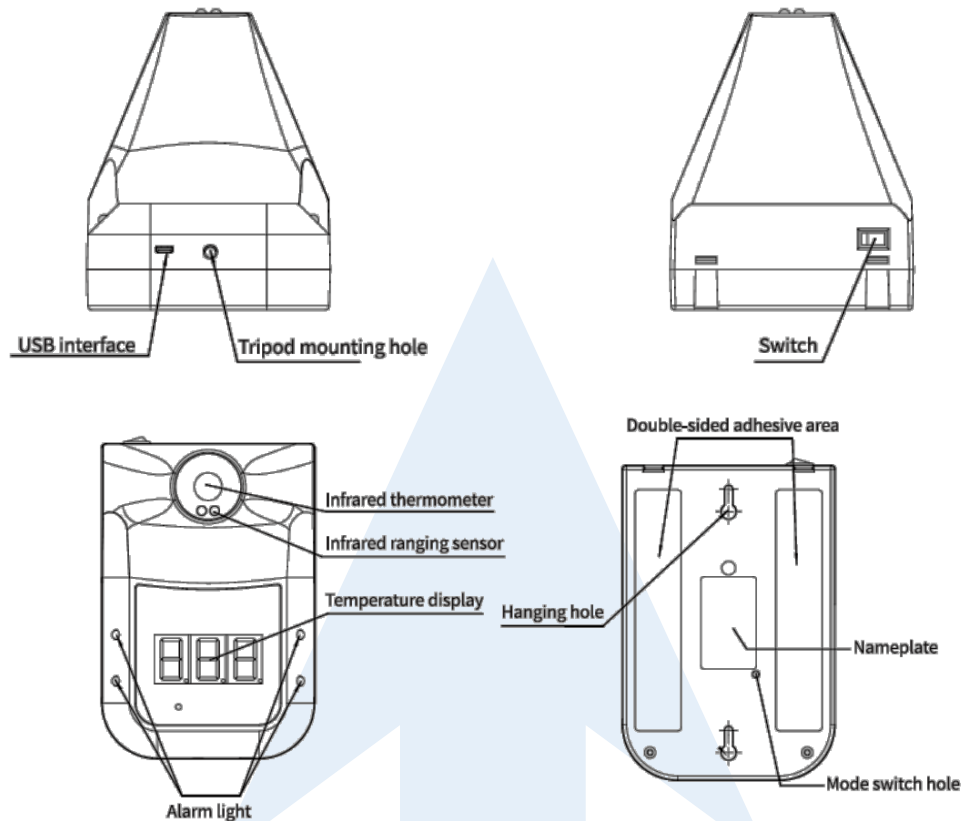


## Entry Control Thermometer and Counter Wall Mounted

CAT 65 GP100

Revision 1

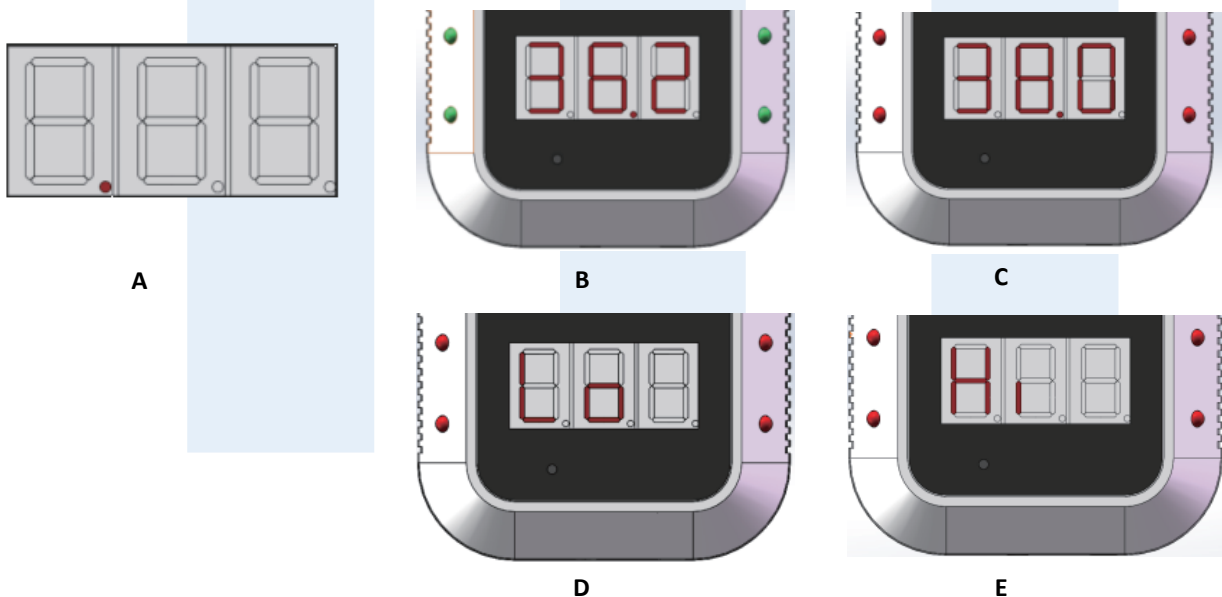
## Parts



## Status Description

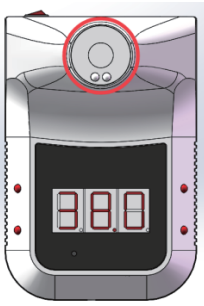
1. Standby: A red dot in the bottom section of the display will light up in sequence from left to right (A).
2. Normal temperature: Flashing green lights on either side of the device and single beep (B).
3. Abnormal temperature: Flashing red lights and rapid beeps (C).
4. Default settings (in body mode):  
 "Lo" Ultra-low temperature (D)  
 "Hi" Ultra-high temperature with alarm (E).

**Note:** In counting mode, each count will flash green with a single beep displaying the number.

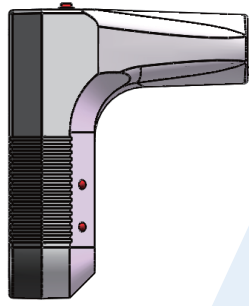


## Operation Instructions

1. Temperature measurement: Approach the front of the thermometer within sensing range (5—10cm) (F).



F



G

2. Mode switching: Gently insert a 3mm diameter screwdriver into the hole on the back of the device and press down on the button (G).
3. Temperature selection: Single press and cycle between “C” and “F” for Celsius or Fahrenheit.

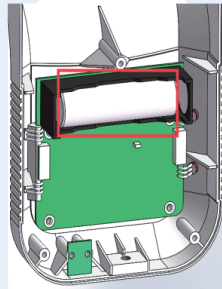


4. Work mode selection: Long press the mode switch button for 3 seconds to switch the measurement work mode between Body, Surface, and Counting Mode.

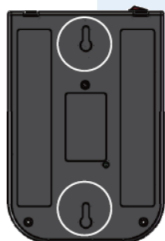


## Battery Install, Replacement, and Recharging

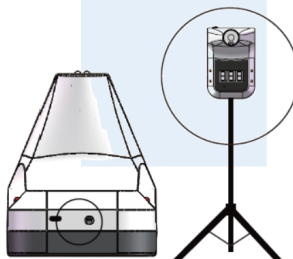
1. Remove the four screws on the back cover and open the base. This device uses a rechargeable 18650 Li-ion battery.
2. To charge the battery, connect the device via the USB cable to any USB interface. You should see a light through the bottom hook hole indicating the device is charging. Red requires charge, green indicates fully charged.



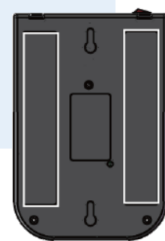
## Installation Methods



Nail hook

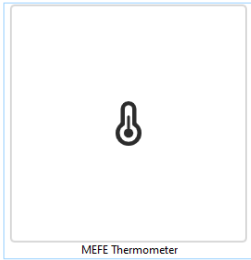


Tripod mounted (tripod not supplied)



Double-sided adhesive tape

## Software User Guide



**Note:** This software is only compatible with Windows systems. Available in English, Spanish, Simplified Chinese, and Japanese.

Download the software package “MEFE\_Thermometer.exe” and follow the steps below:

1. Turn on the thermometer using the top switch. Once the device is On, connect the USB cable provided to the USB interface on your computer.
2. Open the software package (double-click the file).
3. Select “COM” from the drop-down list and “Connect” to the applicable port that matches your USB input (Figure 1). Once connected, the thermometer will automatically convert each reading to data.

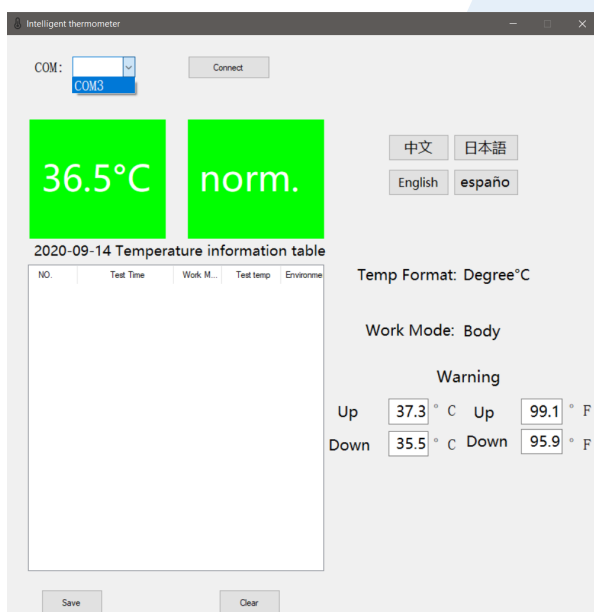


Figure 1

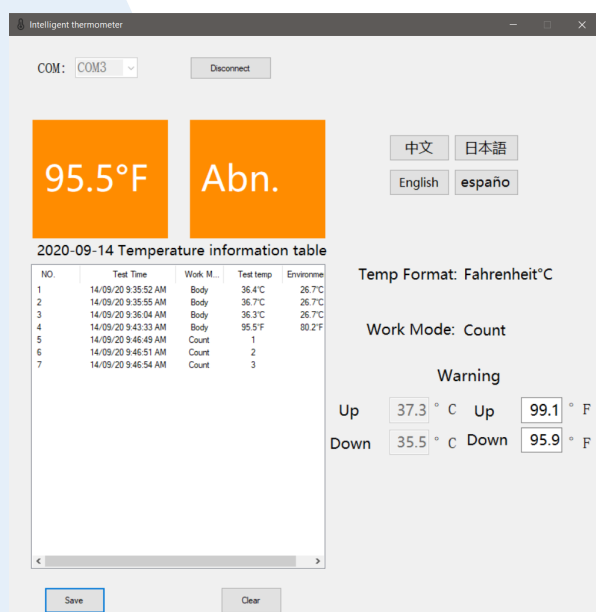


Figure 2

4. To set your own temperature thresholds for a green/normal reading or orange/abnormal reading by changing the “Up” and “Down” temperature under “Warning”. Up sets the limit above which a temperature is abnormal. Down sets the limit below which a temperature is abnormal.
5. You can switch between Temperature (Celsius/Fahrenheit) and Work Mode (Body/Body/Count).
6. To export data, select “Save”. The program automatically exports as a .txt file. Once exported, “Clear” the data.
7. Before disconnecting the USB, click “Disconnect” on the interface to safely shut down.

## FAQ

1. **Not recognising or finding the “COM” port?** Disconnect the USB and make sure you have turned on the device first, then connect the USB to the computer.
2. **The data does not refresh after the port is open.** Check the power switch is On, reconnect the device.

Specifications

Work Modes	Body, Surface, Count	Installation	Nail Hook, Double-sided adhesive tape, tripod/stand mounted
Counting Capacity	999	Standby	Approx. 7 days
Power	USB Rechargeable 18650 Li-ion battery	Accuracy	±0.2 degrees (34-45°C). We recommend you place it in the operating environment for 30 minutes before use.
Environment Temperature	10—40°C (recommended 15—35°C)	Sensing Distance	5—10cm
Infrared Measuring Range	0—50°C	Dimensions	11 x 13 x 17cm
Response Time	0.5 seconds	Weight	263g

Package Contents

- Thermometer (rechargeable battery included)
- USB Charger
- Software

