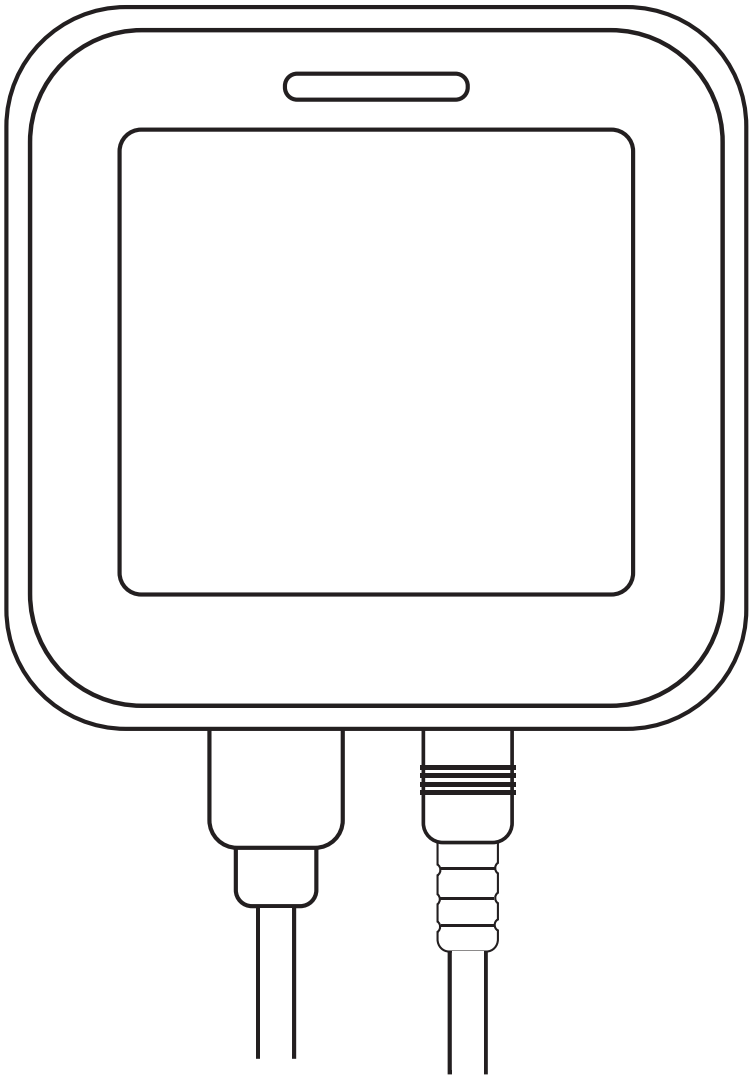
# Smart Thermometer User Manual



Model: MC82

# 1. Before Use – Read First

• This device works with the Smart Life app for remote alerts, on/off control, and custom sensor settings.

• Supports 2.4 GHz Wi-Fi only (not compatible with 5 GHz). Works with iOS/Android.

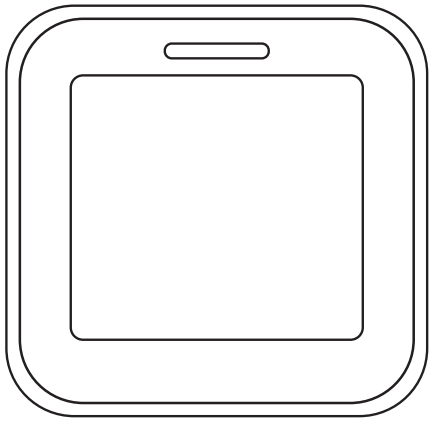
• Place the sensor where the Wi-Fi signal is strong to avoid disconnections or failed uploads.

• If your router uses a combined 2.4G/5G network, temporarily split the bands to complete pairing.

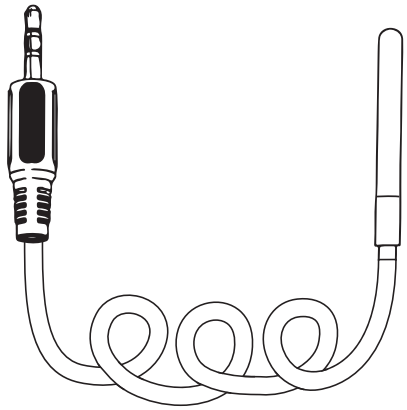
• Strict router settings (firewall, AP isolation, etc.) may block connection. Adjust if needed or consult your router provider.

• If your router has reached its device limit, disconnect another device or use a different router.

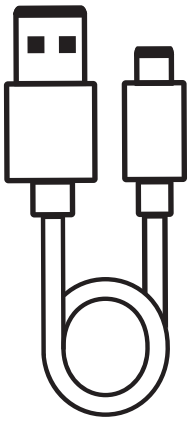
# 2.What’s in the Box



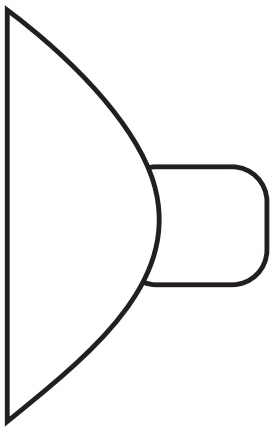
Thermometer Unit ×1



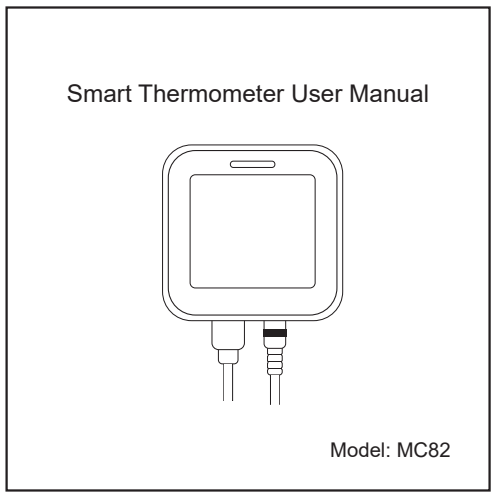
1.5m Temperature Sensor Cable ×1



Type-C Power Cable ×1

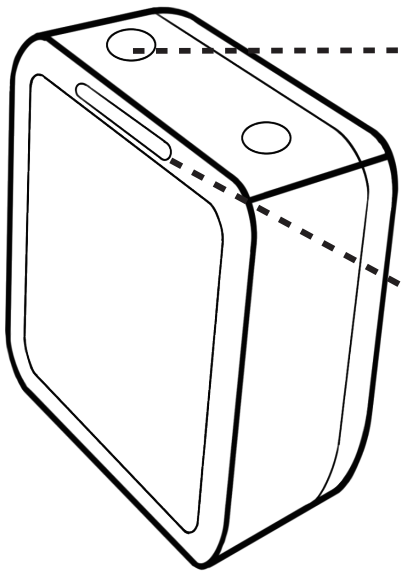


Suction Mount ×1




User Manual ×1

# 3. Hardware Overview



### Button

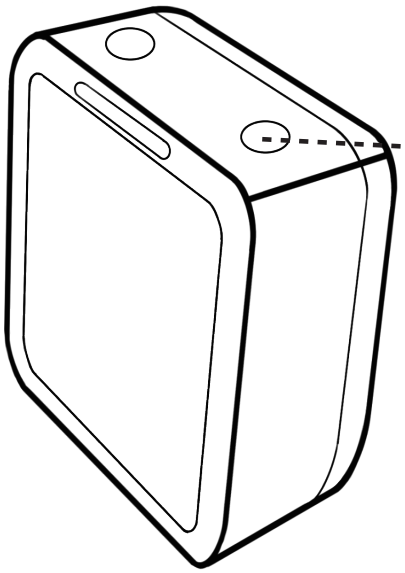
Long press (2s): Enter pairing mode
Short press: Turn backlight ON/OFF

### Indicator Lights

Blue Light (blinking):Device is in pairing mode

Red Light (blinking): Temperature abnormal / outside the set range

Green Light (solid): Temperature is within the normal range



### Button

Long press (2s): Switch temperature unit ( ℉ / ℃ )
Short press: Turn sound ON/OFF

# 4. Set UP

## 4.1 Power On Your Device

Connect the sensor to a 5V/1A (or higher) USB power adapter.
Note:The power adapter is not included.

## 4.2 Choose Your Usage Mode

① Use Without Network (Offline Mode)
If you prefer not to connect the device to the internet or use the app, the thermometer can still function normally in offline mode.
Note: In offline mode, the sensor cannot perform remote monitoring or send online alerts.

② Use With Network (Recommended)
Download the “Smart Life” app via Google Play, Apple App Store, or by scanning the QR code below. and register a user on the application.

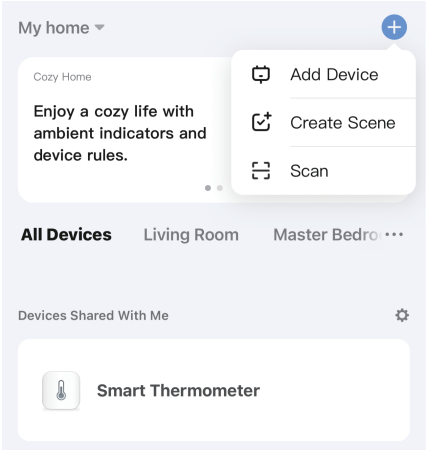
Google Play

App Store

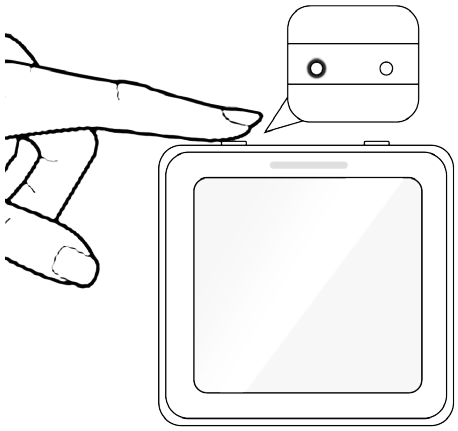
Smart Life

## 4.3 Add the Device

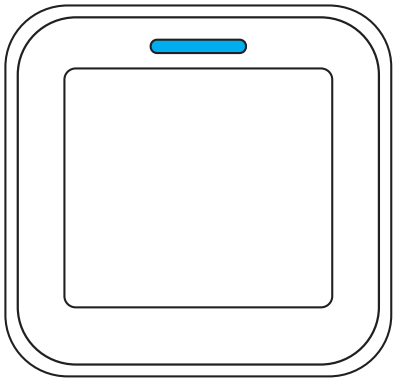
① Turn on your **Wi-Fi (2.4 GHz) and Bluetooth** on your phone.



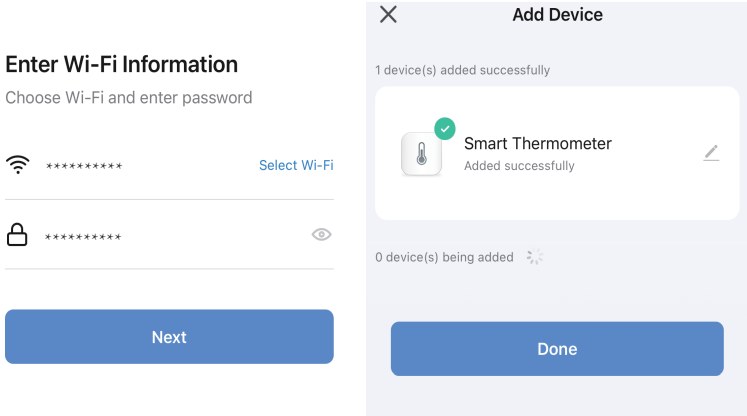

② In the Smart Life app, tap **"+"button → "Add Device"** on the upper right.



③ **Long press the button** on the device **for 2 seconds** to enter pairing mode.



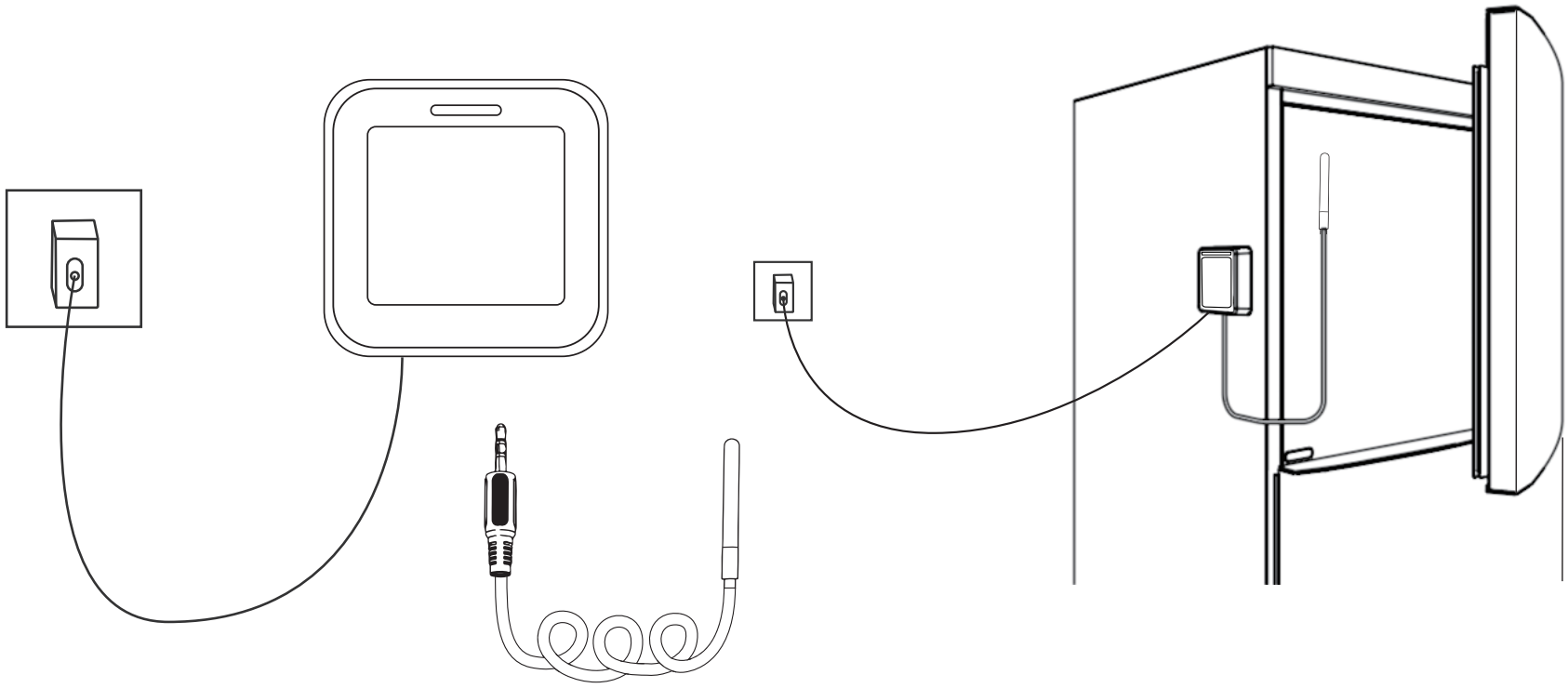
④ The **blue indicator light blinks,** indicating that the device is ready to pair.
Note:
• When powered on for the first time, the device automatically enters pairing mode for **3 minutes**.
• For manual pairing afterward, **Long press the button for 2 seconds.** The device will stay in pairing mode for **1 minute**, indicated by the blinking blue light.




⑤ After selecting your Wi-Fi network, enter the password and tap **"Next"**. After the device connects, tap **"Done"**.

# 5. Installation

Position the device in close proximity to your Wi-Fi router and at an elevated location within the same space, avoiding major physical barriers and electronic interference sources for optimal performance.
Note: Clean & dry frost/moisture/debris from the specific suction cup mounting spot in the fridge. Residue breaks the seal, causing unstable placement—ensure a tight fit for accuracy.



# 6. Smart Life App Interface Overview

## 6.1 Home Page

### Temperature Display

This section shows the current temperature reading. You can switch between °F /°C using the toggle on the right side.

### Time Chart

Use the Hour, Day, Week, Month, Year buttons to change the time range displayed on the temperature graph. You can also download up to one year of historical temperature data.

### Data Refresh

Temperature calibration is available under this section. Under normal use, recalibration is not required throughout the entire sensor lifecycle. Accuracy tolerance: ±0.9°F / ±0.5°C

### Settings Button

Tap this icon to open the sensor settings page, where you can adjust alarms, units, notifications, and more.

### °F /°C Swich

The sensor will automatically switch to the temperature unit you set on your mobile phone.

## 6.2 Sensor Settings

### Temp Alerting

When this feature is enabled, you can set a normal temperature range.
If the sensor's temperature rises above the maximum value or drops below the minimum value, an alarm will be triggered.

### Delayed Alarm

This anti-false-alarm feature prevents unnecessary freezer alerts by notifying you 1–10 minutes after the temperature exceeds the set range—helping avoid false alarms when opening the refrigerator door briefly.

### Alarm Duration

Set how long the device will sound an alarm, adjustable from 1-10 minutes.

### Alarm Interval

If the temperature remains abnormal, you can set a repeat interval of 1–12 hours to ensure you don't miss important alerts.

### Alarm Notification

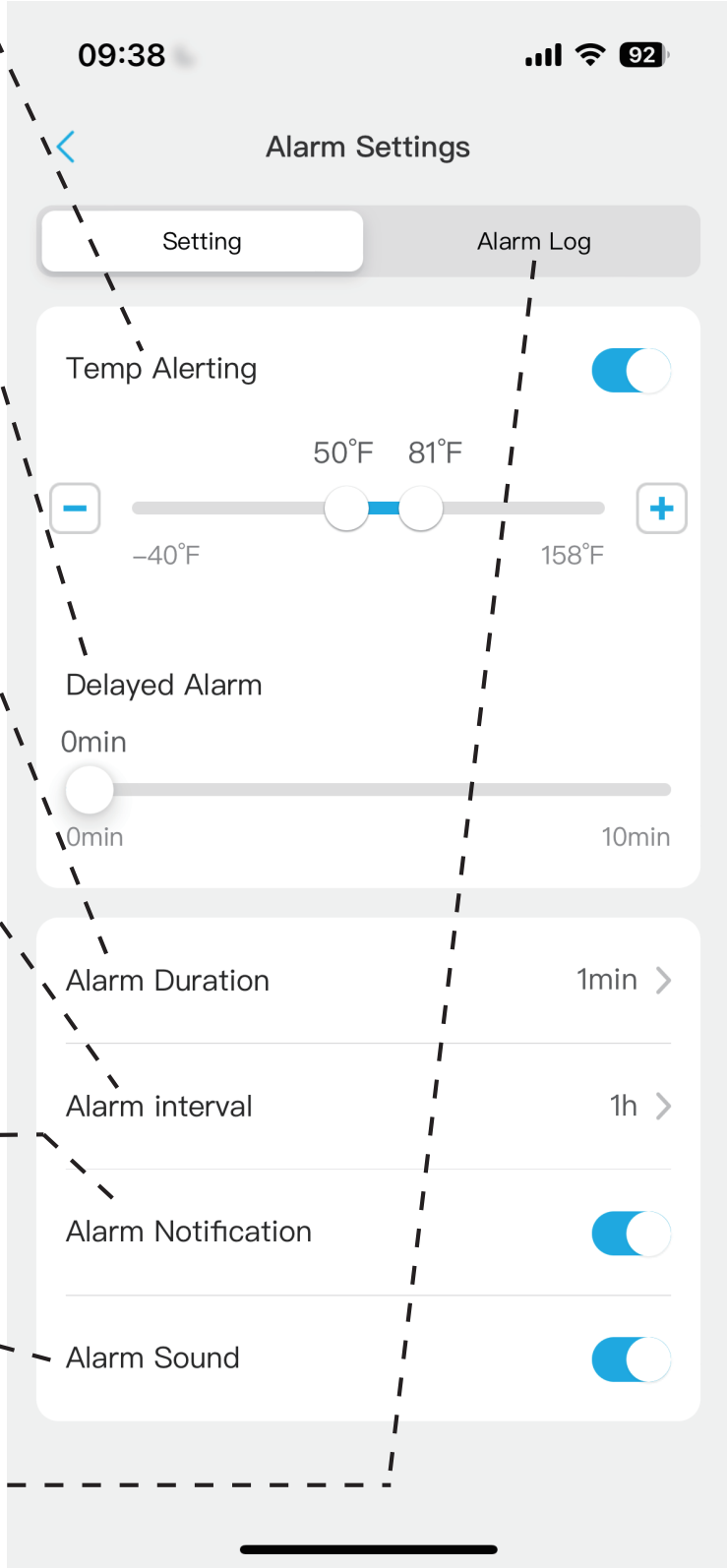
Enable or disable app notifications for temperature alerts.

### Alarm Sound

Turn the device's audible alarm ON or OFF.

### Alarm Log

Tap Alarm Log to view the sensor's history of alert notifications.



## 6.3 Official Settings Page

Here you can access additional features, including:

### Custom Sensor Name

### Tap-to-Run and Automation

Link the sensor with other smart devices

### Share Device

Allow friends or family to monitor the sensor together.

### Message Notification Setting

Note: Phone call and SMS notifications are paid premium services provided by the Smart Life app. Please evaluate your needs carefully before subscribing.

### Check Device Network

### Offline Notification

# 7. Product Parameter

| | |
|---|---|
| Model | MC82 |
| Dimensions | 2.28 × 2.28 × 0.71 inches (58 × 58 × 18 mm) |
| Weight | 1.76 oz (50 g) |
| Power Supply | 5V/1A USB power adapter (not included) |
| Wireless Connectivity | 2.4 GHz Wi-Fi |
| Temperature Detection Range | -40°F to 158°F (-40℃ to 70℃) |
| Temperature Accuracy | ±0.9°F / ±0.5°C |
| Temperature Refresh Rate | Every 2 seconds |
| Sensor Cable Length | 1.5 m |

# 8. Troubleshooting

Q:When does the temperature become accurate? What is the accuracy?

A: After the sensor is powered on, it may take 15–20 minutes for the temperature reading to stabilize and reflect the actual environment.

The accuracy is ±0.9°F / ±0.5°C.

Q: What should I do if the device cannot connect to Wi-Fi?

A: ① This sensor supports 2.4 GHz Wi-Fi only.

② Ensure the sensor is within the Wi-Fi coverage area. The recommended distance is within 10–15 meters from the router.

③ Reduce potential signal obstacles such as metal doors, multiple walls, or thick walls, which may weaken the connection.

Q: Sensor Installation Environment

A: The operating temperature range of this sensor is -40°F to 158°F (-40℃ to 70℃).

Using the device outside this range may cause permanent damage to the sensor.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

-This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.