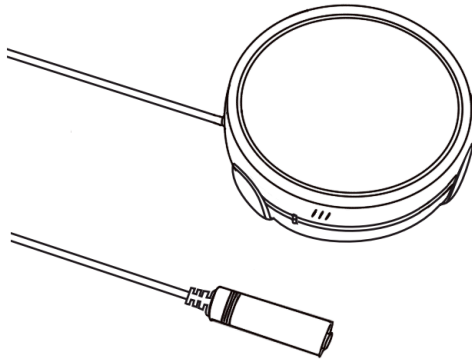


User Manual of Wi-Fi Water Leak Sensor



Specifications

Product Name: Wi-Fi Water Leak Sensor

Function: water leak detection, environment temperature and humidity detection

Power Supply: CR123A-3V(1 unit)

Standby Current: 116uA

Working Current: 31mA

Indicator Light: 1 unit led(red)

Temperature Detection Range: -10°C-60°C

Humidity Detection Range: 1%-95%RH

Temperature Sensitivity: 0.2°C

Humidity Sensitivity: 3%

APP Temperature Setting Range: 14°F-140°F or -10°C-60°C

APP Humidity Setting Range: 0%-100%

Working Temperature: -10-60°C(14°F-140°F)

Working Humidity: 1%- 95%RH(Non-condensing)

Wireless Distance: 45m

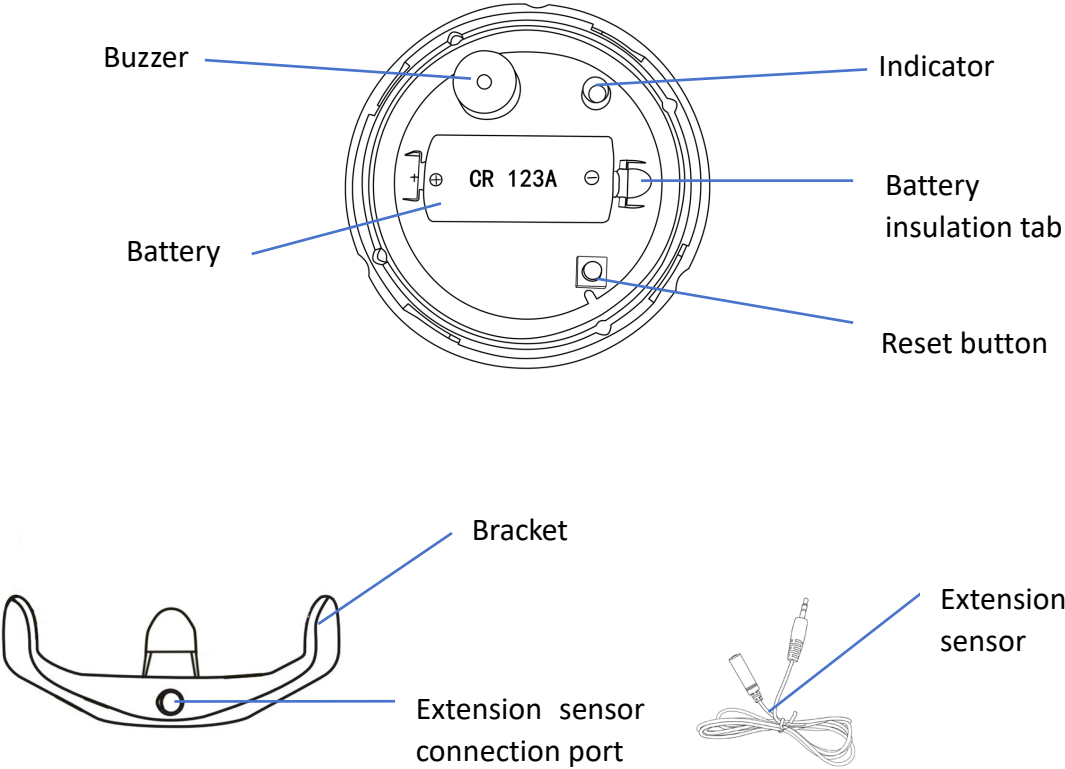
Wireless Type: 2.4GHz

Wi-Fi Standard: IEEE 802.11b/g/n

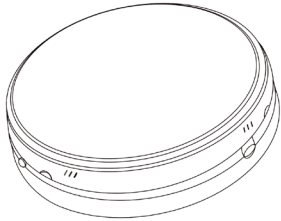
Product Size(main body): 65mm x 65mm x 30mm(without bracket)

66mm x 66 mm x 35mm(with bracket)

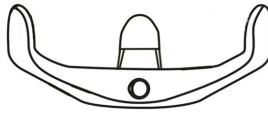
Product Configuration



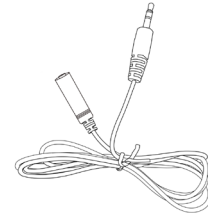
Package Accessories



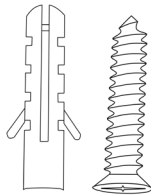
Main body of water
leak sensor



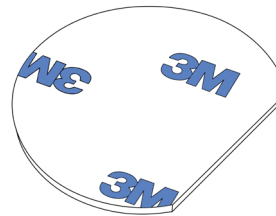
Bracket*1 unit



Extension sensor*1
unit



Screw pack*1 unit



3M tape*1 unit

LED State

Device Status	LED State
AP Mode/Bluetooth Mode	The indicator light flashes 2 times per second
Reset	Press and hold the reset button for 6 seconds, and the buzzer would make sound

Get Started

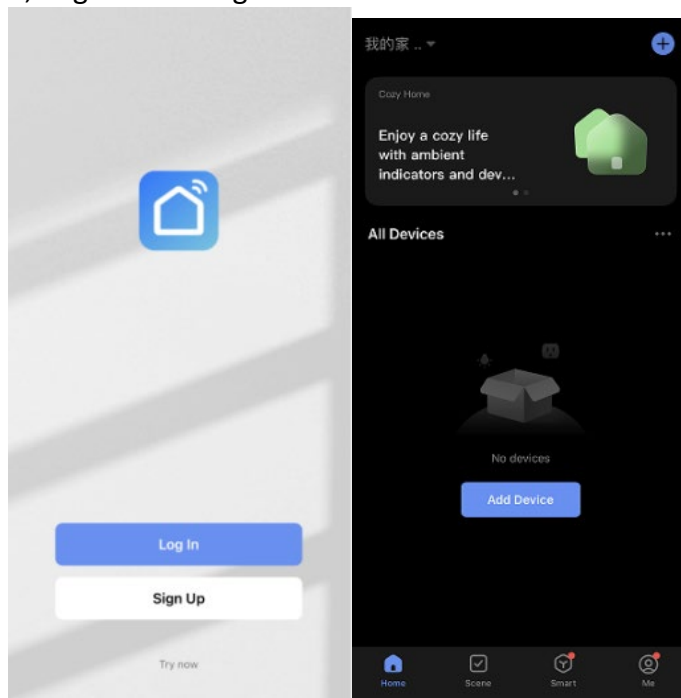
Step 1, download "Smart life" app from APP Store or Google Play to your mobile.



Step 2, register and Login

a, Run "Smart life" application from your smartphone.

b, Register and login

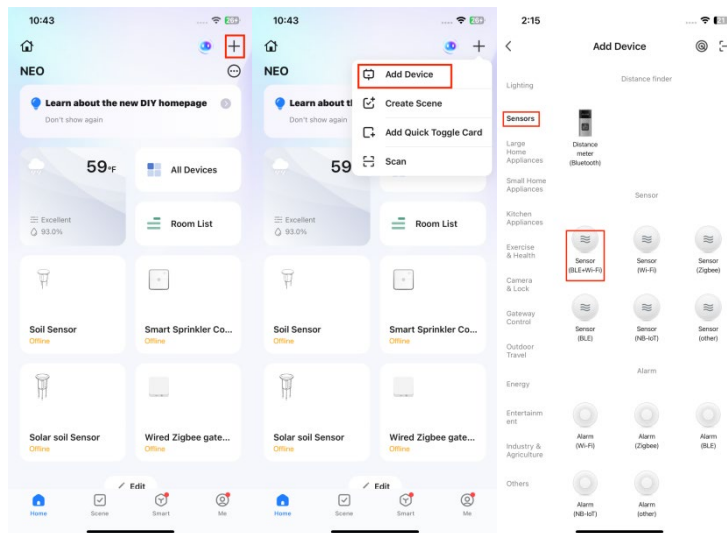


Step 3, Add Device

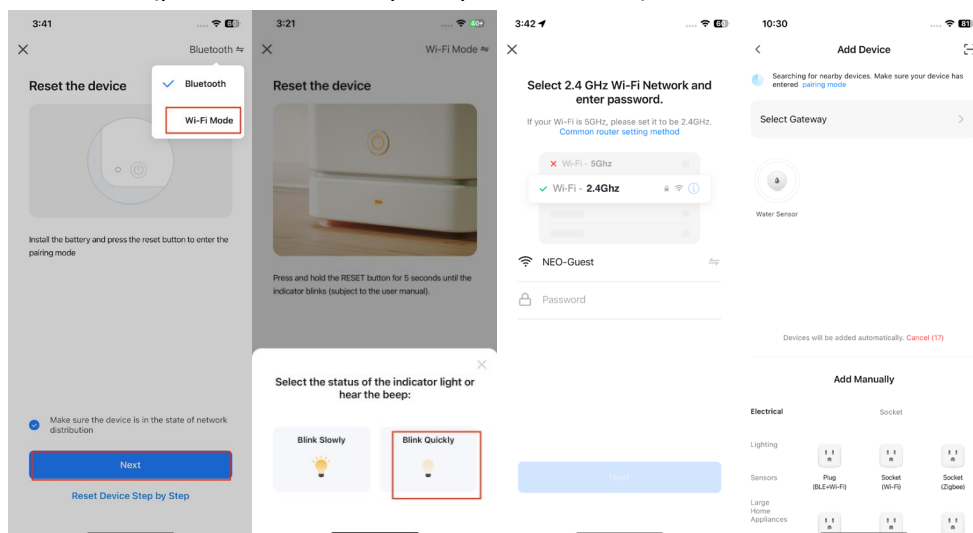
After powering on, the device should enter default pairing mode(Bluetooth pairing mode) and the indicator light should blink. If the indicator light is not on, please rotate counterclockwise to remove the upper cap, press and hold the reset button for 6 seconds then add the device.

Method 1, Select the device type to add

Note: The device only supports 2.4GHz Wi-Fi signal.

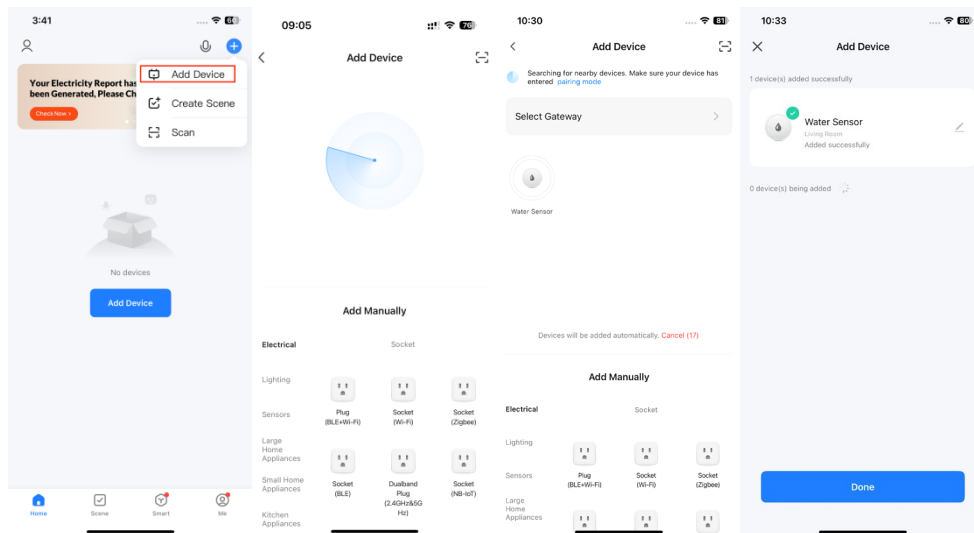


If the indicator light is still not on, please make sure to press and hold the reset button for 6 seconds until the device indicator starts flashing, then proceed to add the device (please follow the prompts in the APP).

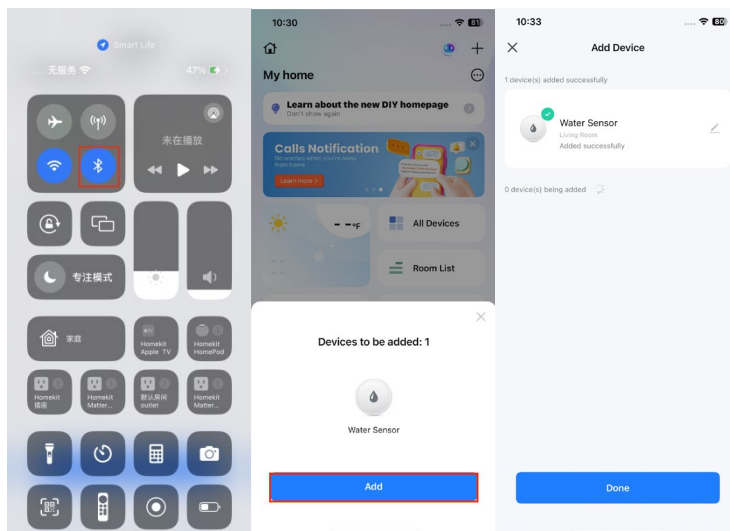


Method 2, Bluetooth pairing

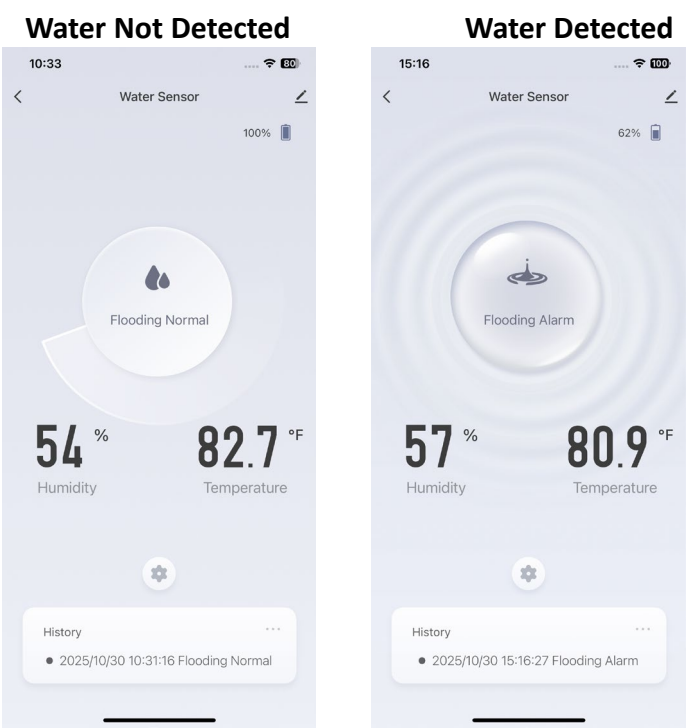
a, Active Bluetooth in mobile phone, and add the device through Bluetooth mode



b, After activating Bluetooth, enter the APP interface, the device will be automatically searched by Bluetooth, and then click “Add”

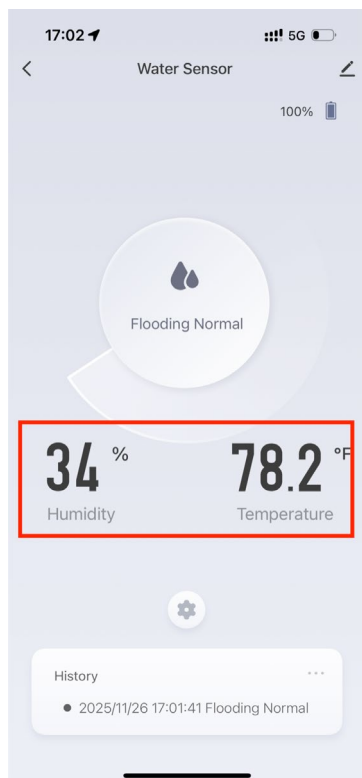


APP main interface



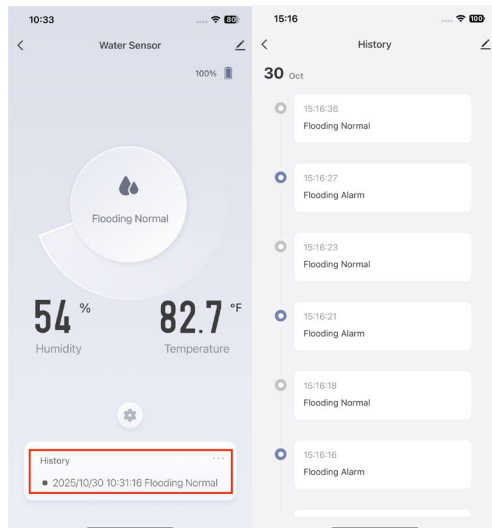
Main Function and Device Setting

1, Temperature and Humidity Detection

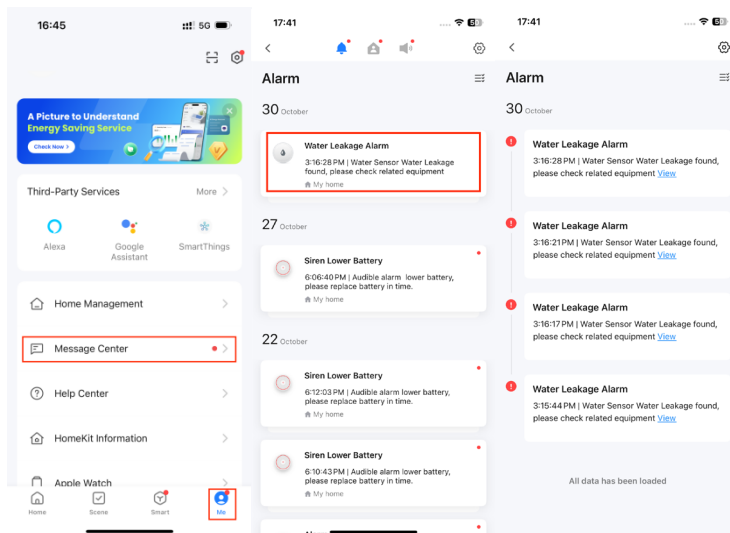


2, Alarm Records

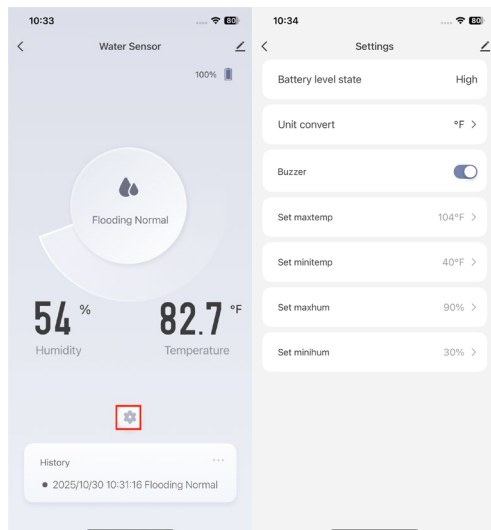
2.1 Device records



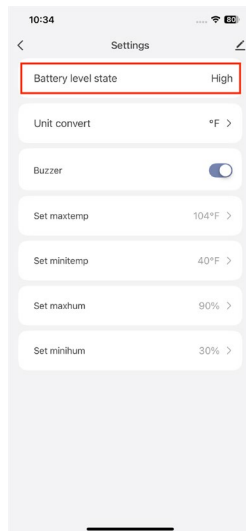
2.2 App records(enter the Message Center in the app to check the historical alarm records of the added devices)



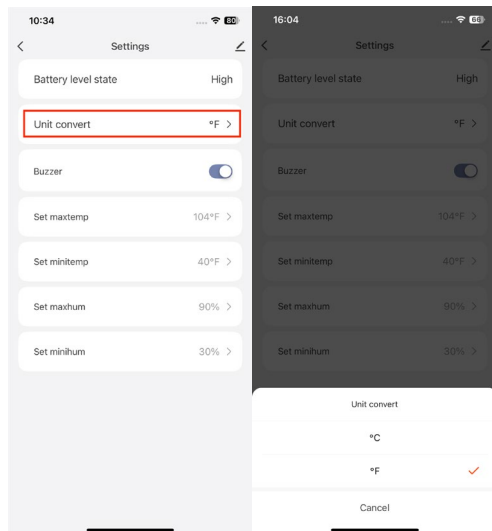
3, Device Setting



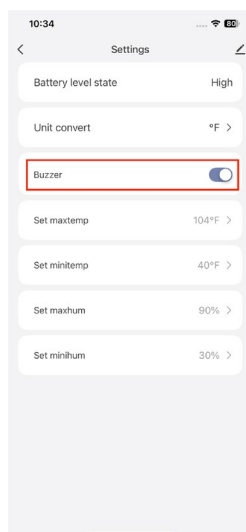
3.1 Battery Level Detection (when the battery level drops below 20%, low-battery alert will be triggered)



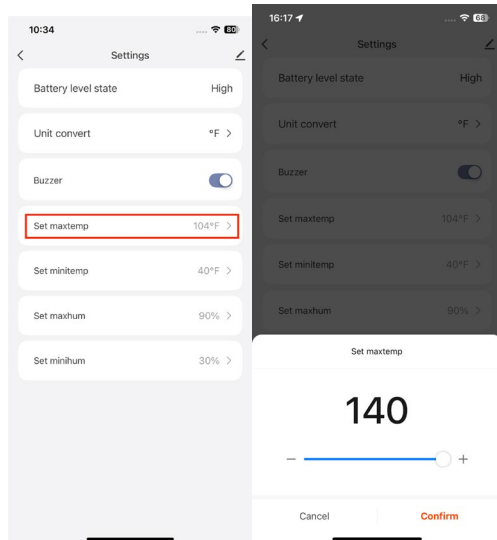
3.2 Temperature Unit Convert



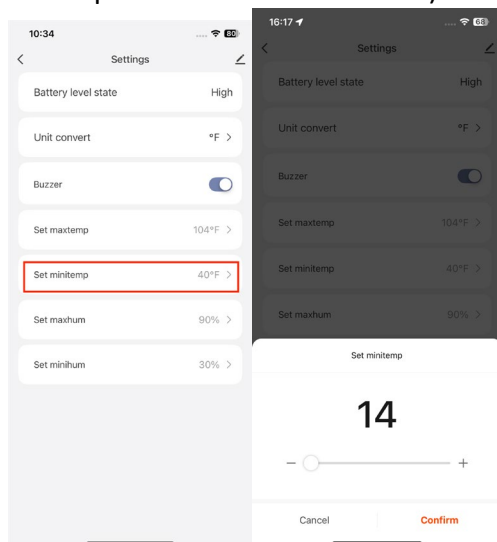
3.3 Buzzer Switch (If the switch is turned off, the buzzer will not make sound once water leak is detected)



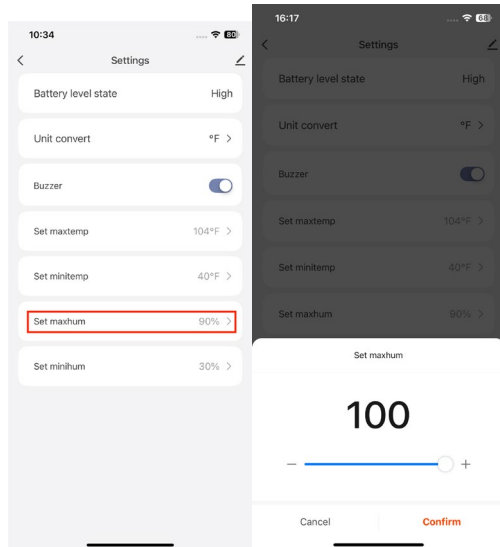
3.4 Temperature Upper Limit Setting(can set up to 140°F or 60°C Default Value of temperature upper Limit:104°F)



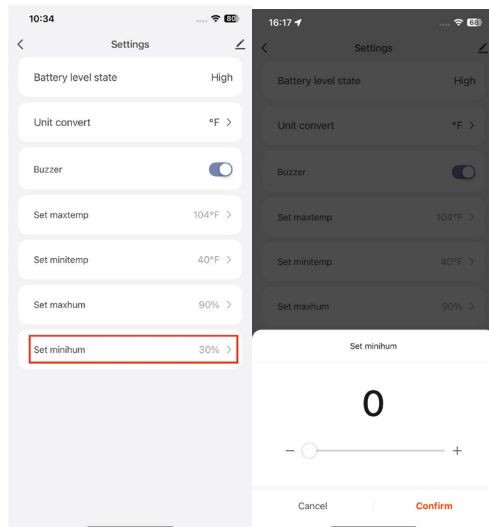
3.5 Temperature Lower Limit Setting(can set lower to 14°F or -10°C Default Value of temperature lower Limit:40°F)



3.6 Humidity Upper Limit Setting(can set up to 100% Default Value of humidity upper limit:90%)

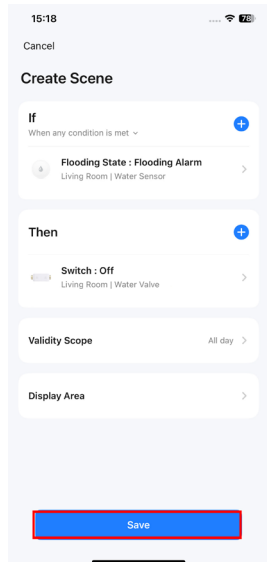
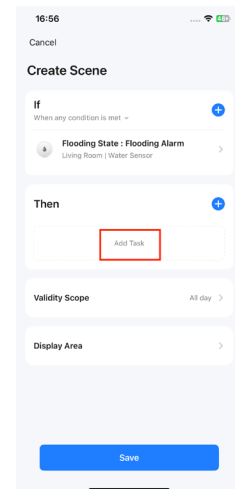
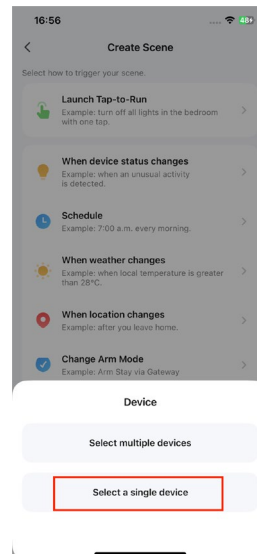
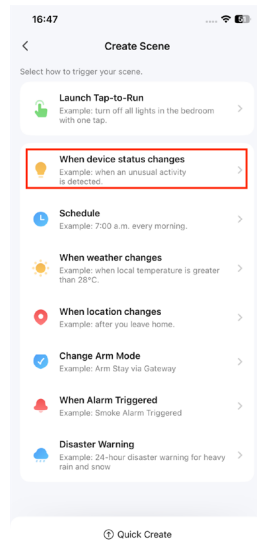
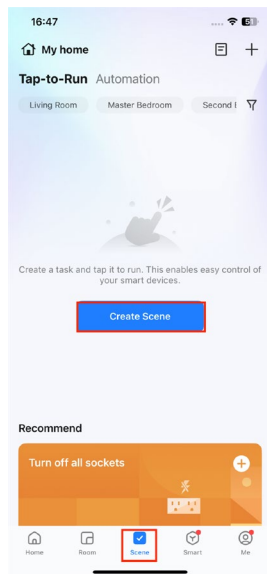


3.7 Humidity Lower Limit Setting(can set lower to 0% Default Value of humidity lower limit:30%)

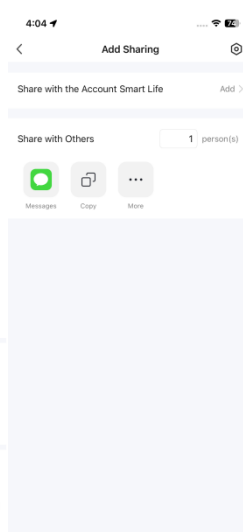
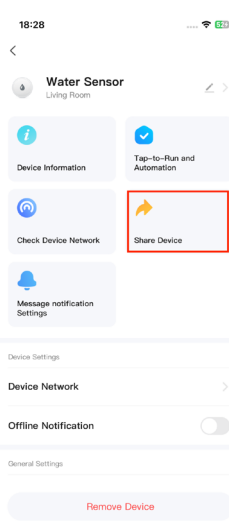
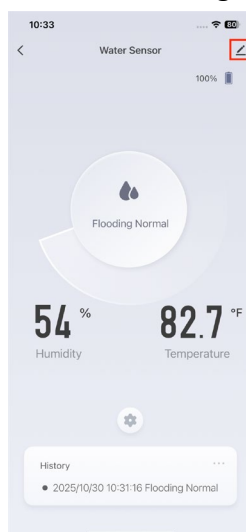


Other Function

1,Create Scene(For example, when water leak is detected, shut off the water switch)

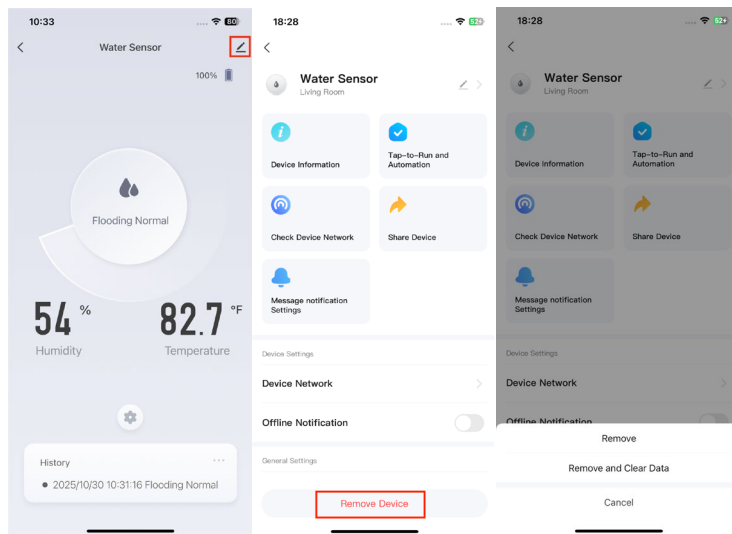


2, Device Sharing



3,Records clearance

Deleting the device from app will clear the data, and restore the device to default value.



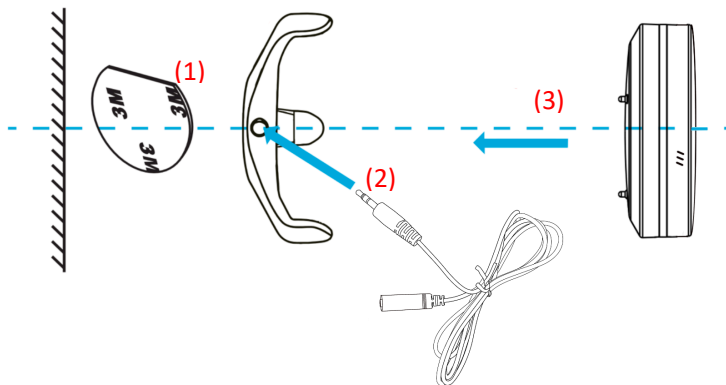
Steps for installing device to wall

Note: please pay attention to the distance between router and device.

Step 1, Fix the equipment bracket to the wall with 3M tape or screws

Step 2, Insert the extension sensor to the connection port of bracket

Step 3, Install the main body into the bracket

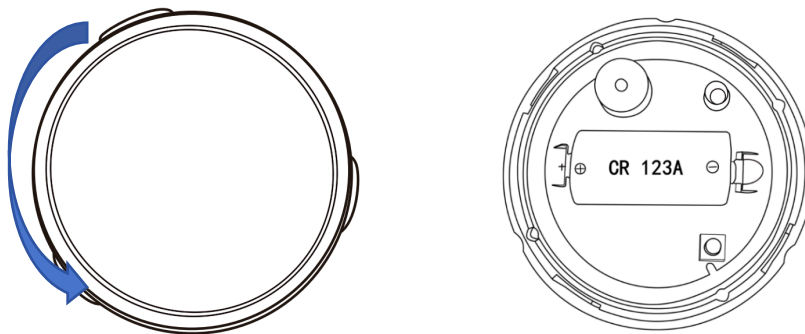




Steps for battery replacement if battery is used up

Step 1, Rotate counterclockwise to remove the upper cap

Step 2, Remove the battery insulation tap then replace with new battery(Please note the positive and negative poles of the battery)



FAQ

Question 1, How does the water leak detection function work?

Answer:The bottom of the device is equipped with metal probes that can detect the presence of water. The provided wire(extension sensor) is also equipped with sensors on the whole wire, so it can expand the detection range, ensuring that water leak can be detected in a timely manner even in farther or more concealed places. Once a water leak is detected, the system will automatically send an alarm and notify you.

Question 2, What is the purpose of the temperature and humidity detection function?

Answer:The device can monitor the temperature and humidity of the surrounding environment in real time, helping you keep track of environmental changes around the equipment. It is particularly important for electrical equipment, as it helps identify potential humidity accumulation issues in advance and prevents equipment damage caused by humidity.

Question 3,How often does the device require maintenance or calibration?

Answer:Under normal circumstances, the device does not require frequent maintenance or calibration. However, it is recommended to perform an inspection every 6 months to ensure the sensitivity of the probe, the battery level of the device, and the accuracy of environmental temperature and humidity detection.

Question 4, Will the temperature and humidity detection be affected by environmental conditions (such as temperature and humidity)?

Answer:The impact of various environmental conditions has been considered when designing the product.It can work accurately within common temperature and humidity ranges. However, the device's performance may be affected by extreme temperature or abnormal humidity. To ensure optimal performance, please install the device in a suitable environment.

FCC STATEMENT :

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.

Warning: 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.

FCC Radiation Exposure Statement:

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.