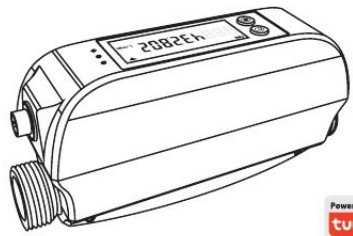


正面

WiFi Smart Water Valve

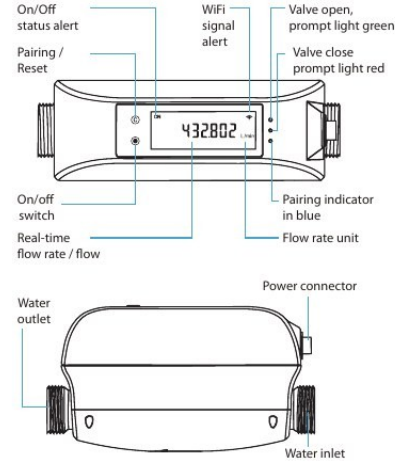
USER MANUAL



Thanks for
Choosing our WiFi Smart Home Sensors

Product Configuration

1.Product structure



01

Three functions of the on/off switch

- Short press on the button to control the valve open or shut-off
- Press and hold the on/off switch for 6s, when you see the flow unit flashing, use the access key to switch the flow unit, and then determine the flow unit by pressing the on/off switch once. on/off switch → access key → on/off switch
- Long press on/off switch for 10s. This can be used to turn off the power when in battery mode

Three functions of the access key

- Matching (when the device is not in pending matching, you can use this key to enter pairing mode)
- Long press access key for 6s to reset.
- Short press on the access key for flow rate switching to flow.

02

2.Packaging accessories

① Water valve x 1	② Connector x 2
③ Threaded protection cover (pre-install) x 2	④ Sealing tape (3M) x 2
⑤ Spacers x 2	⑥ Power cable x 1

03

⑦ Power supply adapter (5V/2A) x 1

⑧ User manual x 1

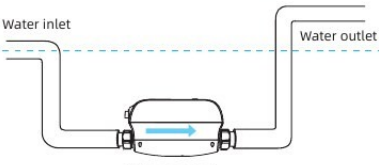
04

3. Installation position and direction

Needs attention:

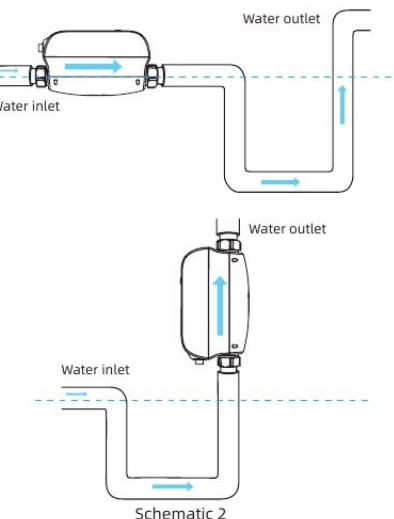
- Do not reverse the inlet/drain ports of the water valve.
- The position of the water outlet is higher than the position of the water inlet.
- When the water temperature falls below 0°C and freezes, the water valve valves will not be able to open and shut-off. The sensor in the water valve can detect a minimum water temperature of -10°C.
- When installing the water valve, be sure to wrap the waterproof tape to prevent water leakage.
- Suggested installation location: indoor main water inlet.

(1) Correct installation Location Diagram



Schematic 1

05

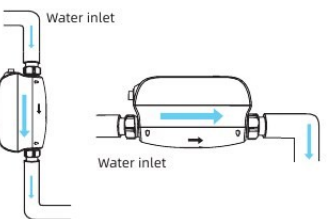


Schematic 2

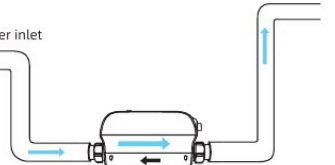
06

(2) Wrong installation position

Type 1: The water inlet is positioned higher than the water outlet



Type 2: Reverse connection between water inlet and outlet



07

Installation

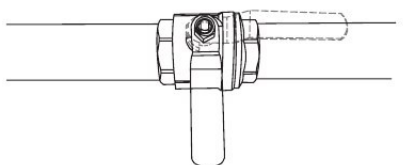
1.Water pipe installation

>>> Prepare tools

adjustable spanner allen wrench

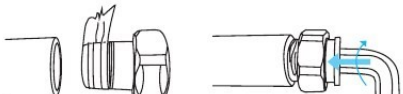
>>> Installation steps

- Turn off the main water valve.



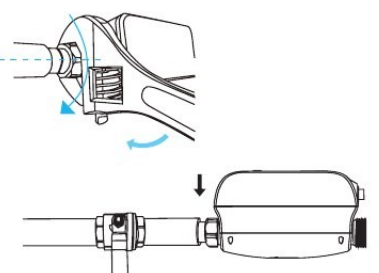
08

2. Wrap waterproof tape around the adapter



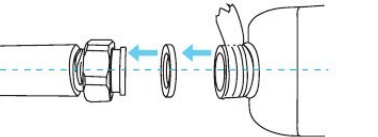
09

3. Align the adapter with the municipal water main and tighten using an allen wrench



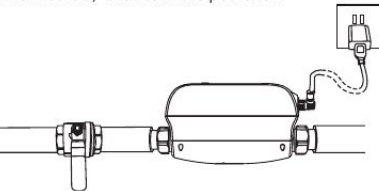
10

4. Wrap the waterproof tape around the copper pipe of the water valve and put the waterproof silicone gasket into the adapter.



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5. Tighten the adapter nuts with the wrench



12

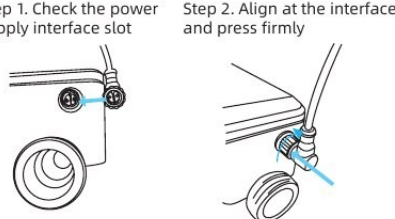
2.Power installation

- Pay attention to the power concave-convex groove during connecting to the power
- Align the interface, press the power supply firmly and rotate the nut clockwise
- Turn on the power supply, installation finished .

Step 1. Check the power supply interface slot

Step 2. Align at the interface and press firmly

Step 3. Turn the nut clockwise



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Specifications

Power: DC 5V/2A
Backup battery: AA(1.2v) x 3pcs
Built-in Ni-MH battery with 2600mAh capacity, rechargeable battery.
Valve open/shut-off time: 12 seconds
Copper Tube Diameter: DN20
Screen: LCD
Water flow reporting accuracy: 0.1gal
Flow rate reporting accuracy: 0.1gal/min
Operating water pressure: 0 ~1.3 MPa
Working temperature: 1 ~ 60°C(34 - 140°F)
Working humidity: 1 ~ 95%RH
Wireless Frequency: 2.4GHz
Wireless Standard: IEEE 802.11/b/g/n
Bluetooth Version: Bluetooth 5.0
Wireless Distance: 45M
Waterproof level: IP66

04

LED State

Device state	Indicator status
Pairing mode	Blue light flashing
Valve open	Green light
Valve shut-off	Red light

Backup battery function

- Battery backup, requires external power to activate internal power;
- When disconnecting the external power, the WiFi will automatically turn off, can not be controlled remotely by APP, only through the local control of the valve open/shut-off;

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Get Started

Download APP

Download the "Smart life" app from APP Store or Google Play to your mobile.



Register and Login

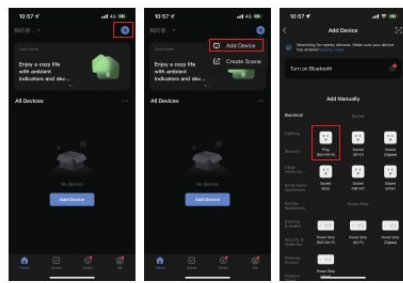
- Run "Smart life" application from your smartphone.
- Register and login



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Add Device

The device is in pairing mode (blue light) by default; if the standby light is not on or is on for a long time, please long press the reset button for 6 seconds to enter the standby mode, and then add the device.

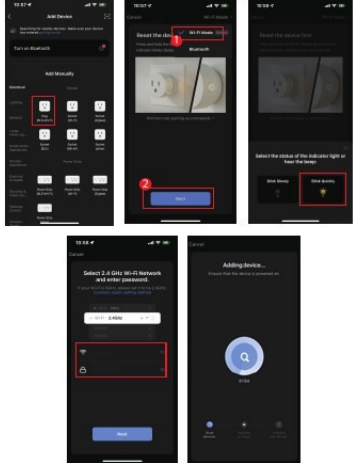


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背面

(1) Smart Wi-Fi pairing

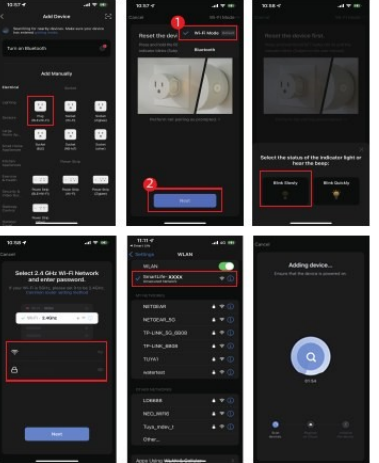
Press the reset key until the device flashes quickly and add (follow the APP tips)



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(2) AP compatible mode pairing

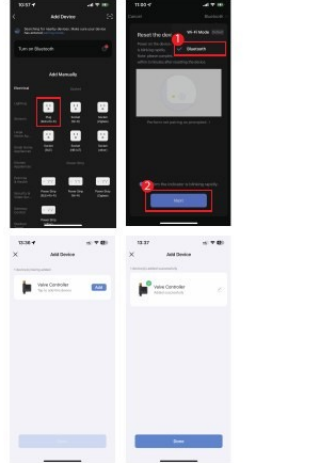
Press the reset key until the device flashes slowly and add (follow the APP tips)



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2. Bluetooth pairing(suggested)

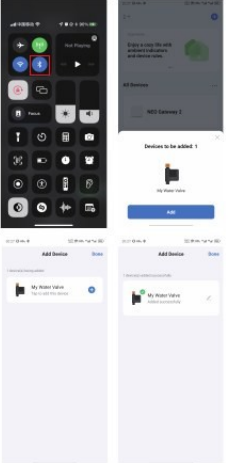
Method 1: Active Bluetooth in Mobile phone to add the device through Bluetooth mode (the standby mode)



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Method 2:

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



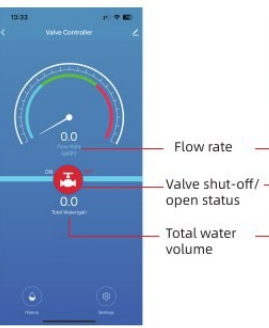
21

Functions and Settings

Main functions, working status and record Settings

1. APP main interface

Valve shut-off



Valve open

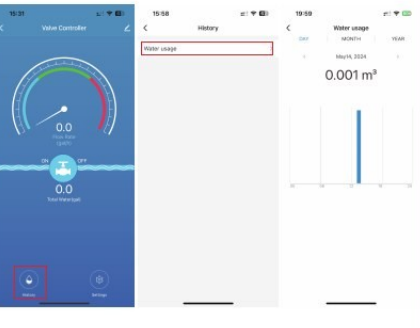


Flow rate
Valve shut-off/open status
Total water volume

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2. View History

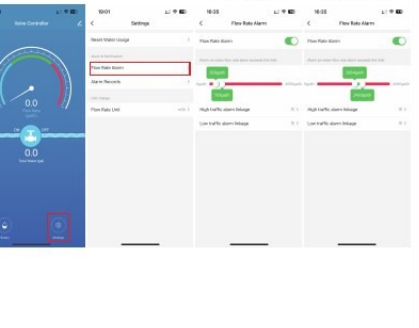
You can view the water consumption records by day, month, year.



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3. High and low flow rate alarm/display settings

Alarms can be turned on or off. Default is "on".

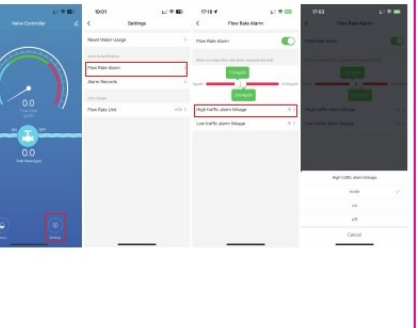


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(1) High/low flow alarm linkage setting

You can set the status of the valve after a flow alarm. The only two states that can be set are valve no state or shut-off state.

High flow alarm linkage

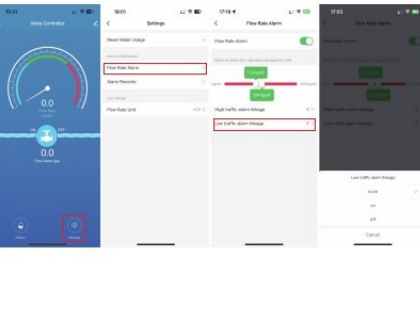


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(2) High/low flow alarm linkage setting

You can set the status of the valve after a flow alarm. The only two states that can be set are valve no state or shut-off state.

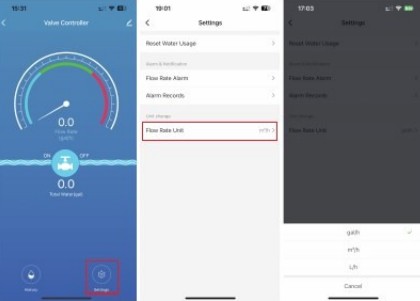
Low flow alarm linkage



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4. Flow rate unit setting

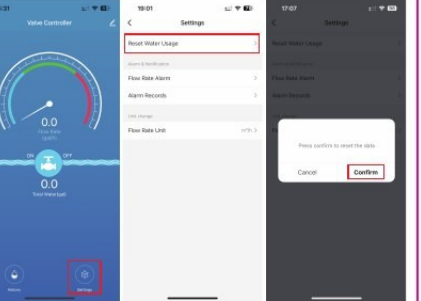
There are three types of units: gal/h, m³/h, L/h.



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5. Water consumption zero setting

Removal of total water consumption



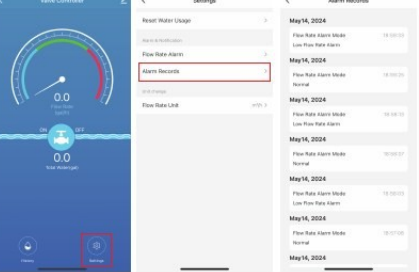
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Other Function

1. Push notification management

(1) Device push message management

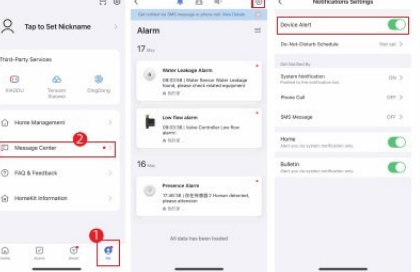
View individual device push messages



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(2) All pushes of the APP

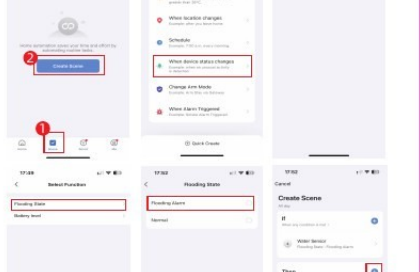
you can turn off the push here, none of the devices in the APP will push messages to the phone, and it will not affect the records



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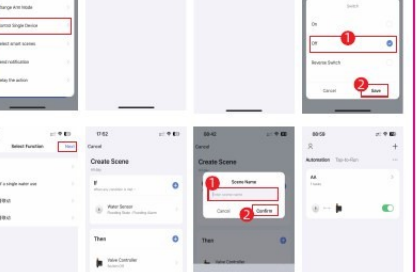
2. Product linkage

Take the water leak detector as an example: when the water leak detector detects a leak, it can link the water valve to shut-off.



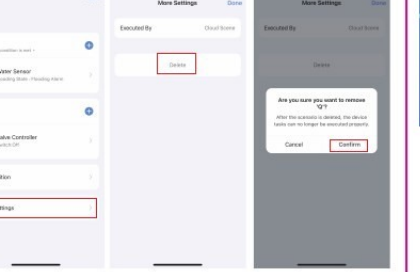
31

3. Unlinking devices setting



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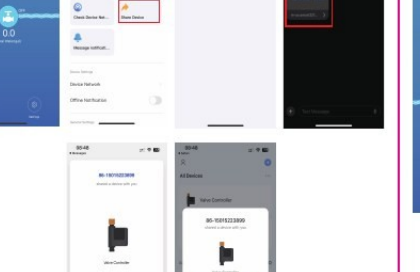
4. Sharing device



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5. Clear record

By deleting devices through the app and adding them again, you can clear device records and restore default settings.



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Due to the app update, the above interface is for reference only