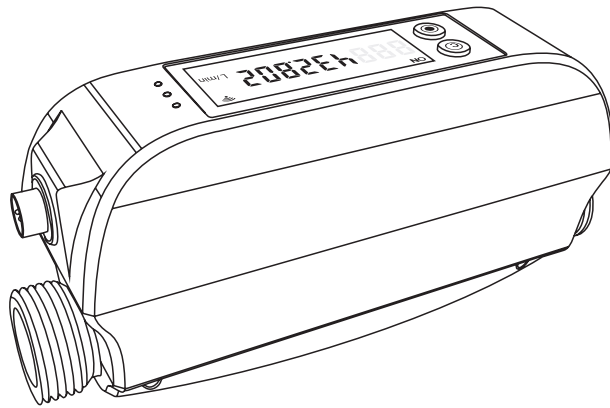


WiFi Smart Water Valve

USER MANUAL



Powered By

tuya

Intelligence Inside

Thanks for Choosing our Smart Home Devices.

Specifications

Power: DC 5V/2A
Backup battery: AA(1.2v) x 3pcs
Built-in Ni-MH rechargeable battery capacity: 2600mAh
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

Product Configuration

1.Product structure

On/Off status alert

WiFi signal alert

Valve open, prompt light green

Valve close prompt light red

Pairing/Reset

On/off switch

Real-time flow rate/flow

Water outlet

Power connector

Pairing indicator in blue

Flow rate unit

Water inlet

Three functions of the on/off switch

Three functions of the access key

1. Short press on the button to control the valve open or shut-off

2. 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

3. Long press on/off switch for 10s. This can be used to turn off the power when in battery mode

1. Matching (when the device is not in pending matching, you can use this key to enter pairing mode)

2. Long press access key for 6s to reset.

3. Short press on the access key for flow rate switching to flow.

2.Packaging accessories

① Water valve x 1

② Connector x 2

③ Sealing tape (3M) x 2

④ Power cable (2.5M) x 1

⑤ Threaded protection cover (pre-install) x 2

⑥ Power supply adapter x 1

⑦ Spacers x 2

⑧ User manual x 1

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

Water inlet

Water outlet

Schematic 1

Water outlet

Water inlet

Schematic 2

(2) Wrong installation position

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

Water inlet

Water inlet

Type 2: Reverse connection between water inlet and outlet

Water inlet

Water inlet

Installation

1. Water pipe installation

>>> Prepare tools

adjustable wrench

hex keys

>>> Installation steps

- Turn off the main water valve.
- Wrap waterproof tape around the adapter.
- Align the adapter with the municipal water main and tighten using an allen wrench.

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

5. Tighten the adapter nuts with the wrench

6. Install the other side of the water valve using the same method , then turn the power on

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2. Power installation

① Pay attention to the power concave-convex groove during connecting to the power.

② Align the interface, press the power supply firmly and rotate the nut clockwise.

③ 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

3. 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;
- Cannot locally control valve open/shut-off when battery voltage, is below 3.8V. When the battery voltage falls below 3.5V, it will automatically shut-off the valve and shut down the machine;
- In the mode with battery backup, the indicator light for opening/closing the valve will flash once after 10 seconds;
- Wake up the MCU at one-minute intervals while the valve is open, and wake up the WiFi uplink if the DP point changes.

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LED State

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

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Get Started

1. Download APP

Android system: Download the "Smart Life" APP at Google Play;
iOS system: Download the "Smart Life" APP from the Apple Store.

Available on the App Store

Get it on Google Play



2. Register and Login

- Launch the "Smart life" app.
- To register,enter your mobil phone number or email address,create a password ,then login to the app.
- Login if you have an account already.

Log In

Sign Up

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3. Add Devices

The device is powered on in Wi-Fi mode by default. If the indicator is off, press and hold the reset button for 6 seconds, and then select the corresponding indicator mode to add the device.

3.1 Select the device type to add

Note: All Wi-Fi products can be added by selecting any Wi-Fi option. The device only supports 2.4GHz Wi-Fi signals.

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(1) Smart Wi-Fi Mode

Press the reset butt on until the device indicator flashes quickly, then add it (please follow the APP prompts)

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(2) AP compatible Mode

Press the reset button until the device indicator flashes slowly, then add it (please follow the APP prompts)

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3.2 Bluetooth Mode

Method 1: Turn on Bluetooth on your phone and add the device via Bluetooth mode

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Method 2: After turning on Bluetooth, enter the APP and the device will be automatically searched by Bluetooth, then click Add



Scan Qr Code To Access More detailed Instructions

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