QOTO Smart Water Valve

(Zigbee)

User Manual



SHENZHEN POWER-TOMORROW ACTUATOR VALVE CO.,LTD.

www.qotoactuator.com

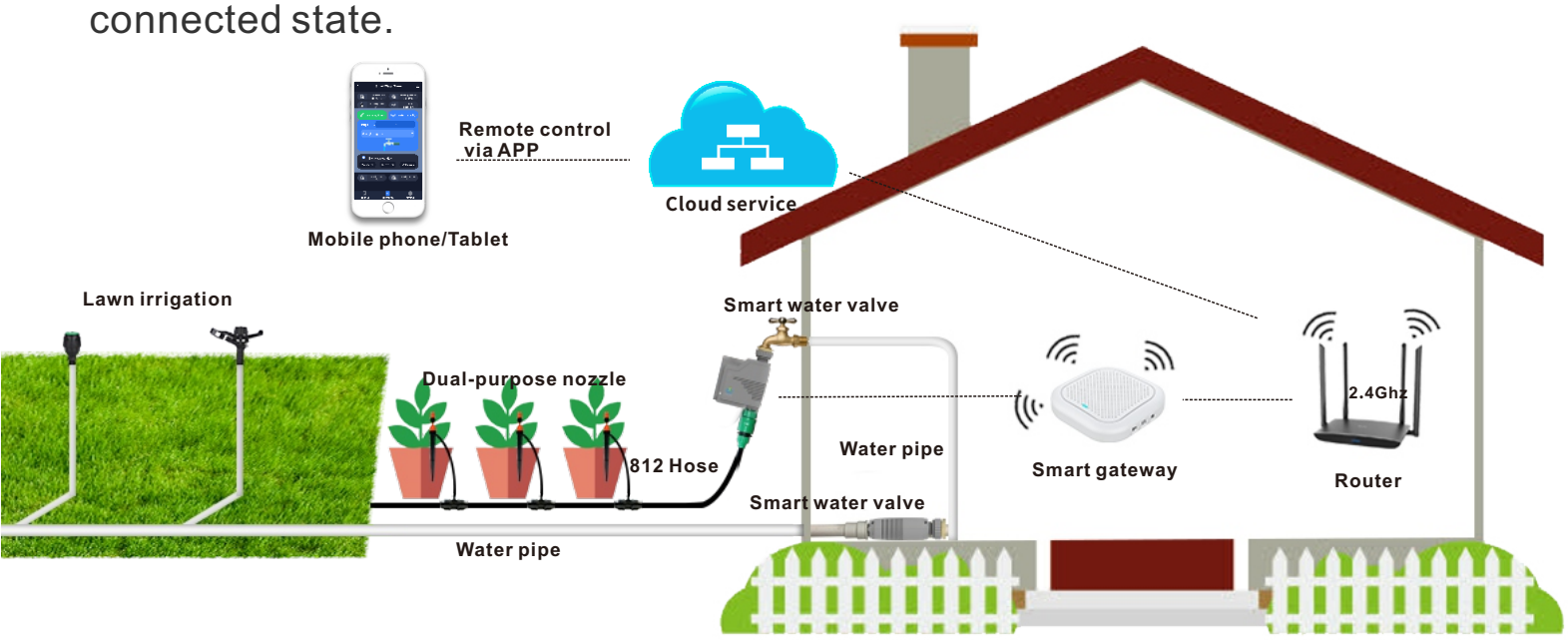
Performance and instructions：

● **Smart water valve**
Remote operation: remote control of mobile APP anytime and anywhere, manual control of field devices, and timing control of APP
Signal distance: the open distance between gateway and smart water valve is ≤50 meters

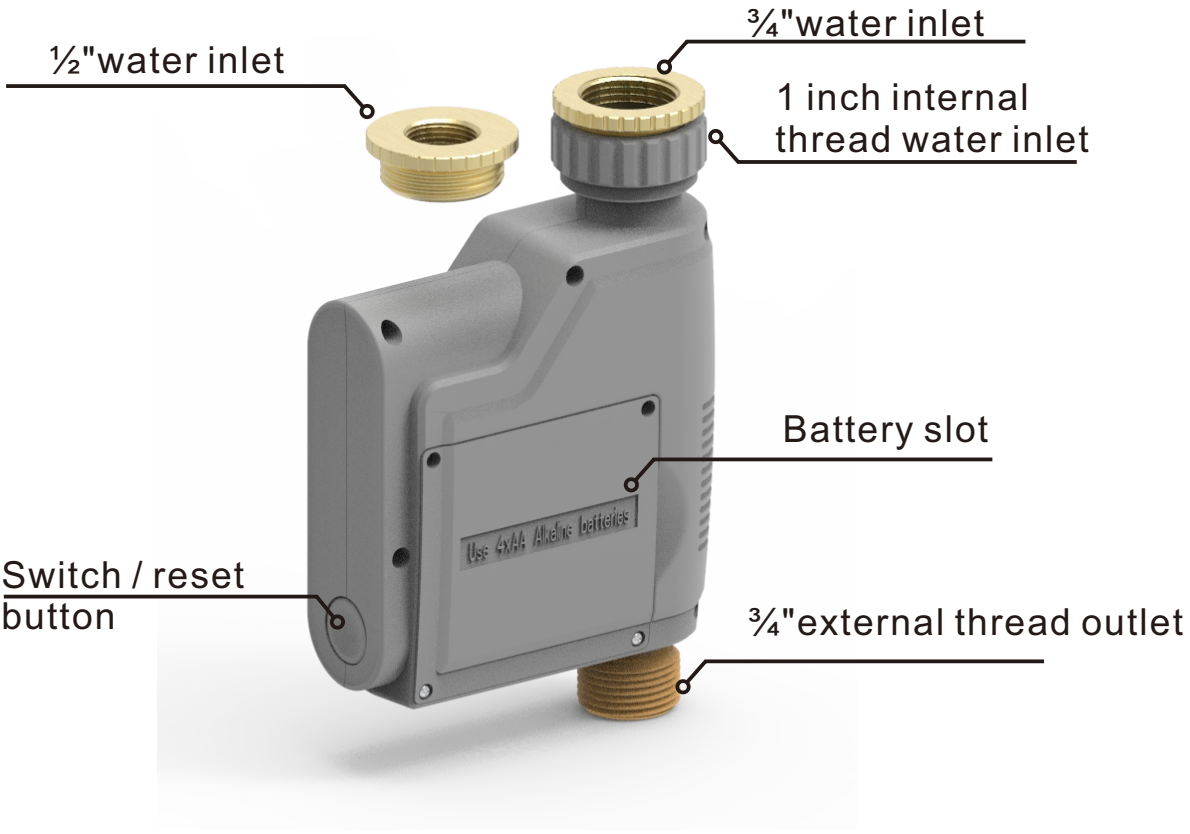
Battery:4*AA alkaline dry batteries are used.
Protection grade: IP66. Smart water valve can be installed and used outdoors.

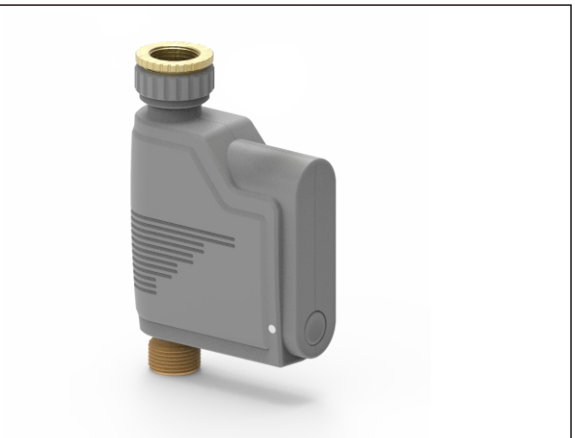
Instructions for use:

1. One gateway can be connected with 8 smart water valves.
2. The open distance from the gateway to the smart water valve is ⩽50 meters, and the partition wall distance is ⩽20 meters (determined according to the actual installation environment).
3. Zigbee signal cannot be relayed and jumped through smart water valve.
4. After setting the timing, if the smart water valve is offline, it will be watered according to the timing program.
5. Operational requirements of water flowmeter: the water flow rate is at least 2L/ min, and the water flow is too small to drive the flowmeter to work. There will be a false alarm of "water shortage warning".
6. Statistics will be recorded only when the smart water valve is online for historical records.
7. Water shortage reminder: When the water valve is opened and there is no water, the water shortage warning will be prompted after 15 seconds in the connected state.



Product parameters





Product name	Smart water valve (Zigbee)
Caliber	½"or ¾"&1"
Waterproof level	Ip66
Withstand water pressure	0.2~8bar
Power	4*AA alkaline dry battery



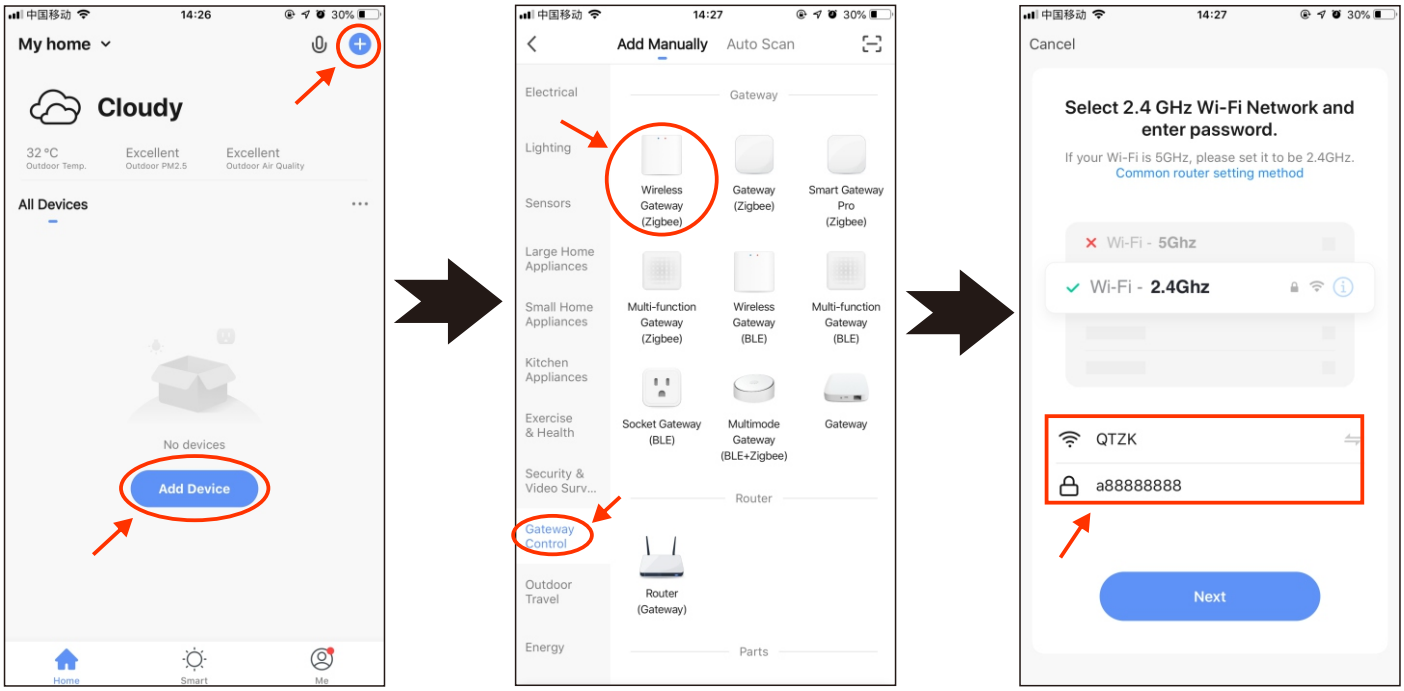
Product name	Smart gateway (Zigbee)
Operating temperature	-10℃~+50℃
Working humidity	0-90%RH No condensation
Power	DC5V/1A
Signal range	Open area ≤ 50 meters

Operation Guide

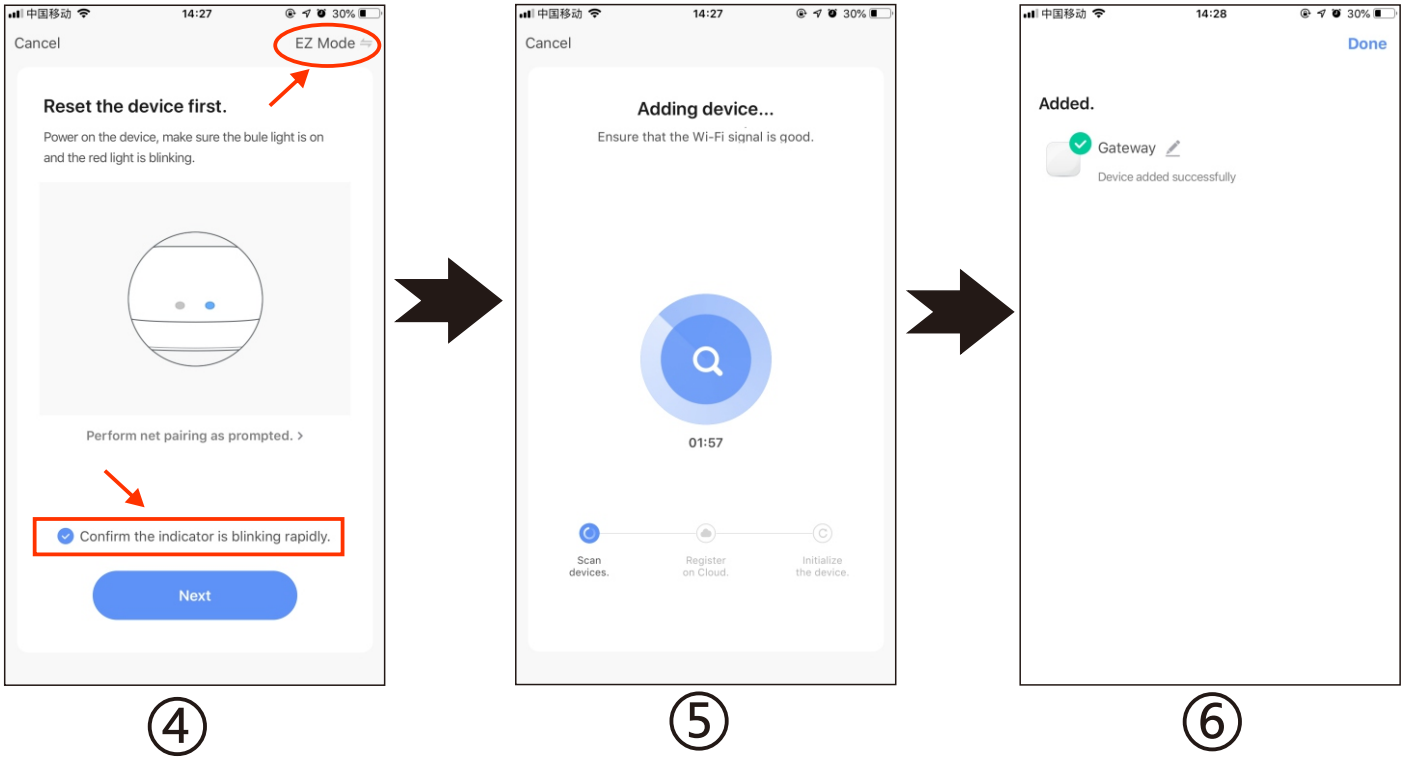
① Scan the QR code to download the “Smart Life” app,
② Register a member account.
Input your mobile phone number or email address.
Receive the verification code SMS.
Configurate your own password.

Gateway networking tutorial

① Open the APP and click add device or "+"in the upper right corner,
② Select gateway central control → wireless gateway (zigbee),
③ Enter WiFi account and password (2.4Ghz),
④ Check to confirm that the indicator light is flashing, and EZ mode is in the upper right corner,
⑤ Next, enter the interface of adding equipment ,
⑥ Wait a moment and add successfully.



① ② ③



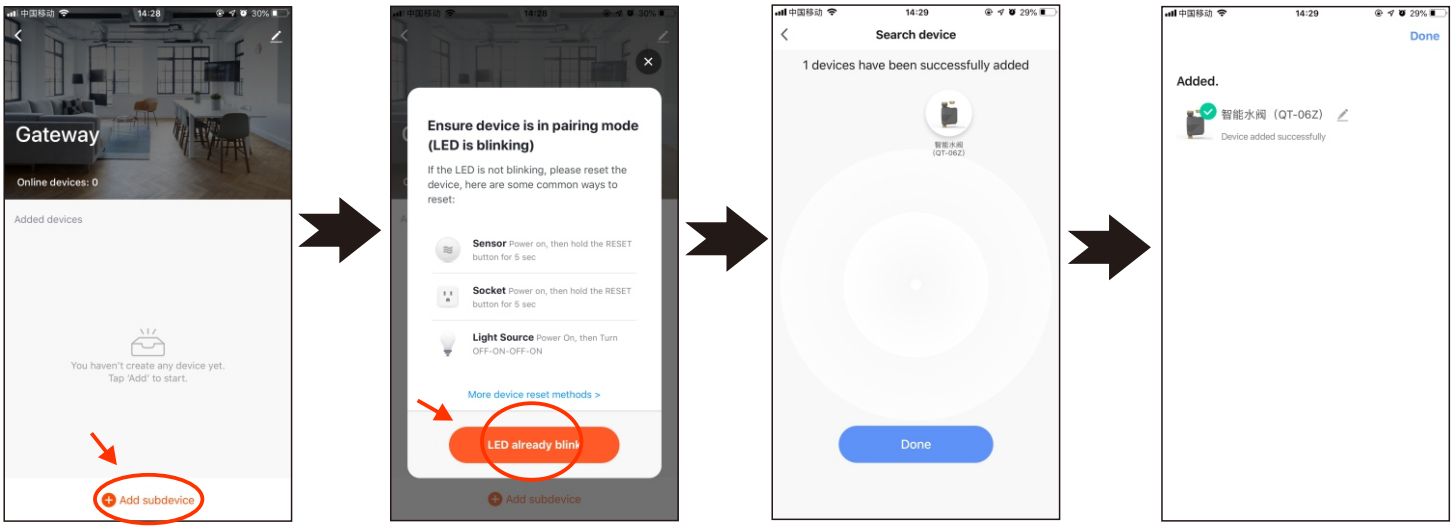
Gateway adds and connects intelligent water valve

① Open the gateway interface and select "+Add Subdevice".

② Confirm whether the indicator light of the intelligent water valve flashes (press and hold the switch button of the intelligent water valve for 5 seconds, and the indicator light switches from long on to flash or extinguish).

③ Automatically search for equipment, and click Finish after searching for the equipment.

④ If the addition is successful, click the name of the brush to modify it.



Mobile APP Interface

It's easy to understand and operate

1.Last irrigation time
2.Remaining power

1.Next irrigation time
2.Current weather



Watering time
1.single irrigation
2.cycle irrigation

Water capacity
1.Single irrigation
2.Cycle irrigation

Control switch button

1. Real-time feedback of watering time
2.Real-time feedback of watering flow

Watering history
1.Total monthly watering volume
2.Records of each open

Timing watering
1.Set timing by flow
2.Set timing by duration
3.Rain and snow delay

Warranty Regulations

1. The warranty period of this product is one year.

2. During the warranty period, any failure occurred under normal use according to the instruction manual (judged by the official staff of our company) shall be repaired free of charge.

3. During the warranty period, if one of the following situations occurs, it must be repaired as a charge:

① This guarantee and valid purchase certificate cannot be provided.

② Faults and damages caused by incorrect use and improper repair by oneself.

③ Failure or damage caused by transportation, moving and falling after receiving goods.

④ Damage caused by other inevitable bad factors.

⑤ Failure or damage caused by equipment soaking in water.

⑥ If the temperature is lower than 0℃, please disassemble and put it back indoors. If the equipment is damaged due to this problem, there is no warranty.

4. We only make the above warranties, and do not make any other express or implied warranties (including implied warranties of merchantability, rationality and adaptability to a specific application, etc.). Our company is not responsible for any special, accidental or indirect damages, whether in contract, civil negligence or other aspects.

QOTO Website

Product Warranty Card

Product name: _____

Product model: _____

Ex-factory number: _____

Date of appearance: _____

Customer name: _____

Contact number: _____

Customer address: _____

Warranty contents: _____ After sale: _____

Client signature: _____ ☐ Satisfied ☐ Dissatisfied

Warranty contents: _____ After sale: _____

Client signature: _____ ☐ Satisfied ☐ Dissatisfied

Warranty contents: _____ After sale: _____

Client signature: _____ ☐ Satisfied ☐ Dissatisfied