



Shenzhen Saswell Technology SAS980SWT-7 Smart Water Timer Instructions

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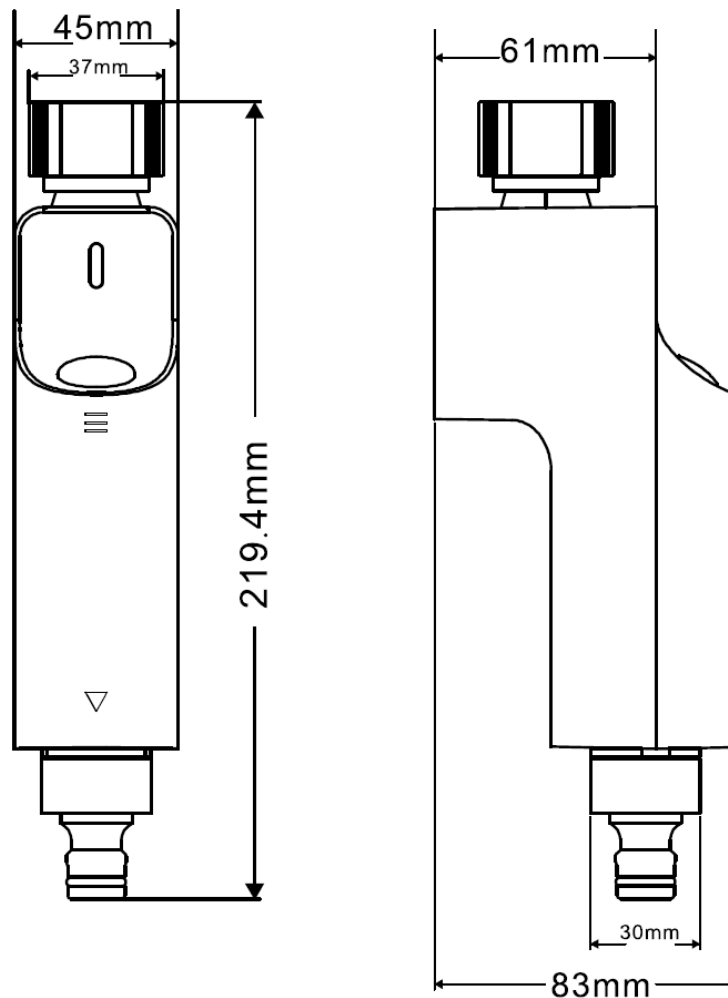
Shenzhen Saswell Technology SAS980SWT-7 Smart Water Timer



Technical Parameter

- **The Power Supply:** 2×1 .5V AA alkaline batteries (LR6)
- **Battery Life:** One Year
- **Working Temperature:** 1°C-50°C
- **Storage Temperature Range:** -10-60°C
- **Transport Temperature Range:** -10-60°C
- **Solenoid Valve Working Life:** 20W times
- **Water Flow Display Accuracy:** month/plus or minus 1 liter
- **Wireless Transmission Protocol:** standard Zig bee protocol

- **Wireless Transmission Distance:** open 30M
- **Protection Level:** IP54
- **Maximum Water Pressure Range:** 0.03-0.8MPA
- **Display:** LED indicator
- **Button Input:** silicone button
- **Low Voltage Alarm:** 2.4V alarm, 2.2V forced shutdown
- **Low Temperature Alarm:** 5°C



Main Function

Manual Mode

The watering function can be turned on/off through the buttons on the water timer. The watering function can also be turned on/off remotely through the manual switch on the APP.

Programming Function

Users can set and program various conditions such as daily/multi-day/weekly cycle through the APP (only support 4 segments of program running at the same time).

Rain Delay Function

The watering device can read third-party weather software data through the cloud platform. According to the weather conditions, can manually set a delay of 24 hours, 48 hours or 72 hours of watering, and automatically

cancel the preset watering within the delay period.

Alarm Function

When the battery is low, the alarm information will be actively pushed to the APP.
When the working environment is low, it will actively push the alarm information APP client.

Water Flow Monitoring Function

The water flow can be monitored in real time through the Hall switch, and the data can be collected to the APP.

Remote Control Function

Support remote control of timing switch electric valve to realize remote watering function.

Voice Control Function

By connecting with Amazon Alexa and Google assistant voice speakers, the voice control watering function can be realized.

Zigbee Connection

Azigbee gateway can control multiple watering devices. It is recommended not to exceed 10.

Anti-Leakage Design

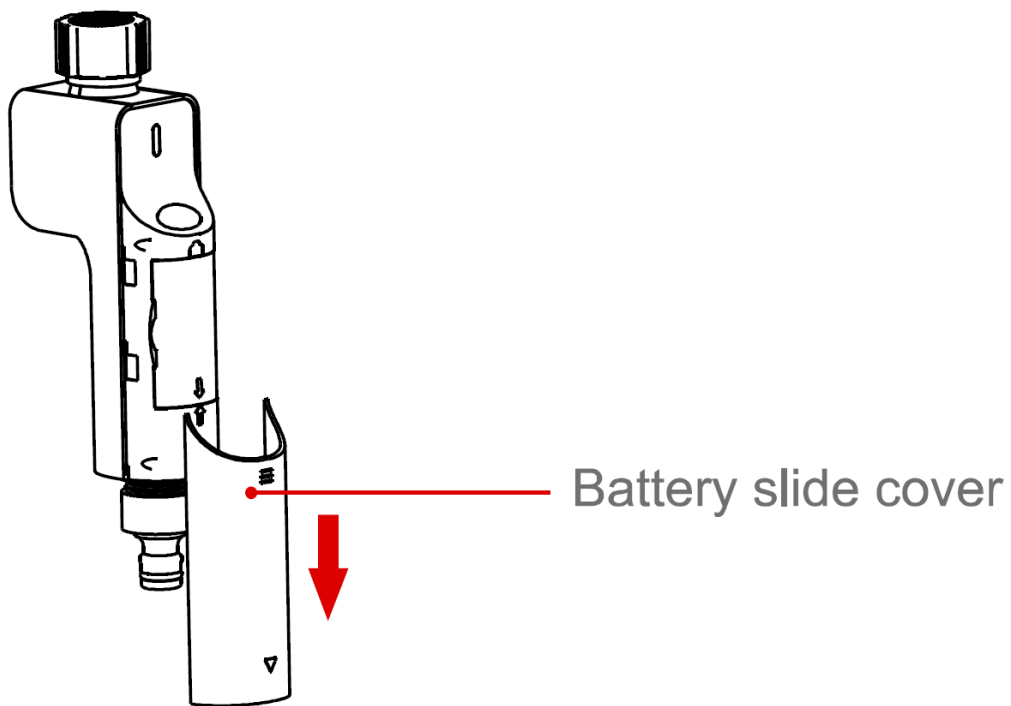
Use standard threaded N H3/4-11.5 or G3/4-14 and NH1/2 adapter design.

Power-off Memory

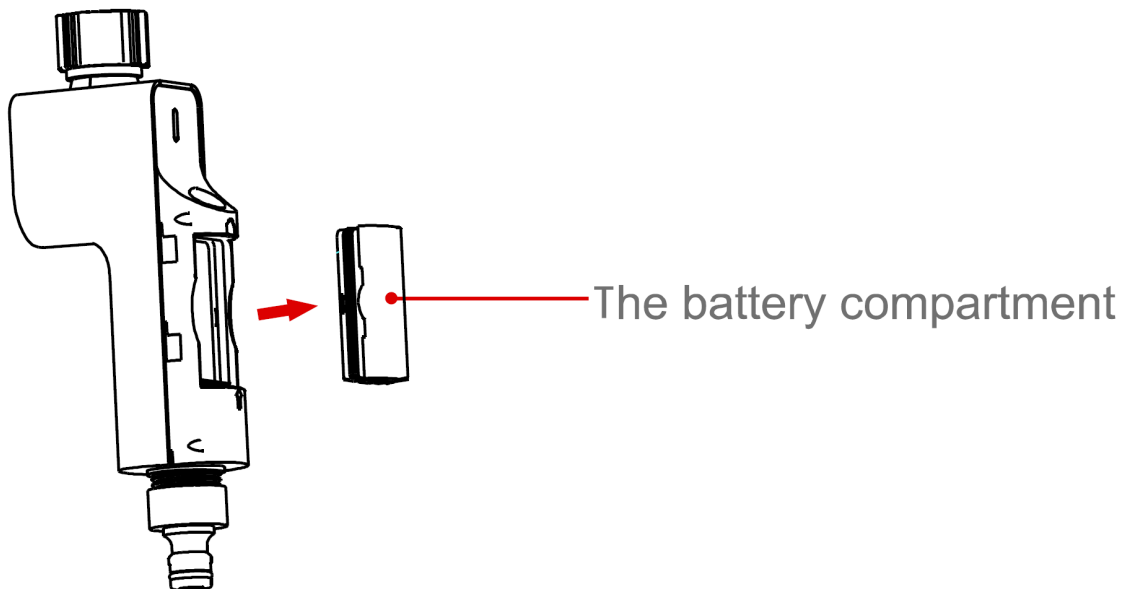
Programming data, pairing information.

Install Battery

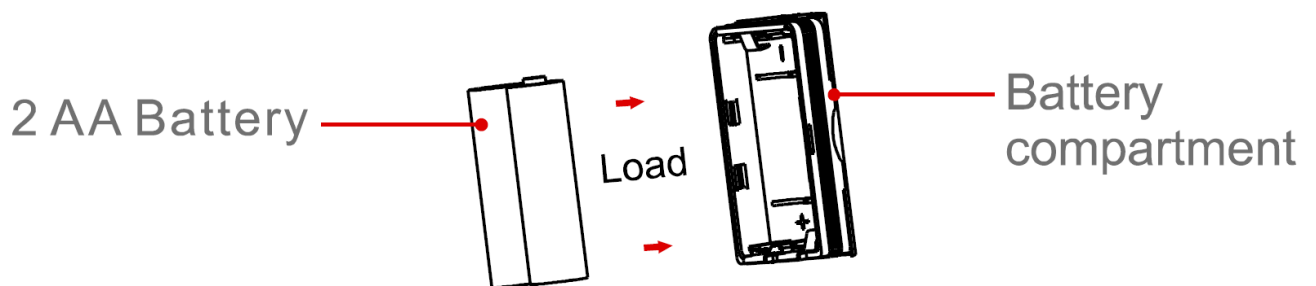
1. Open the battery slide cover.



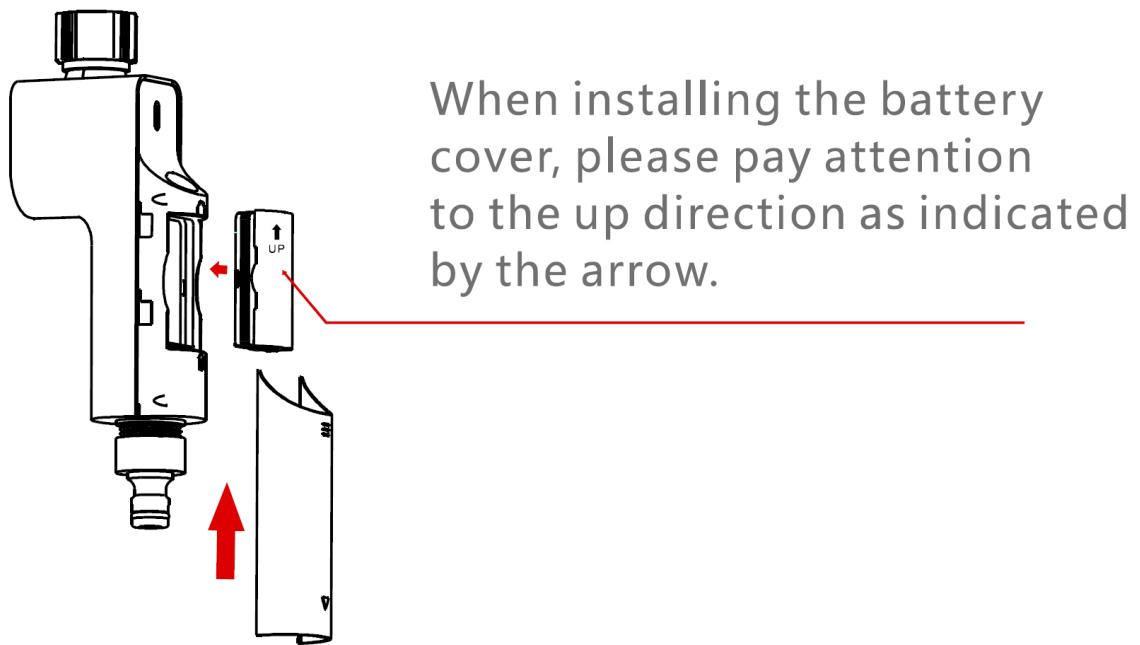
2. Remove the battery compartment.



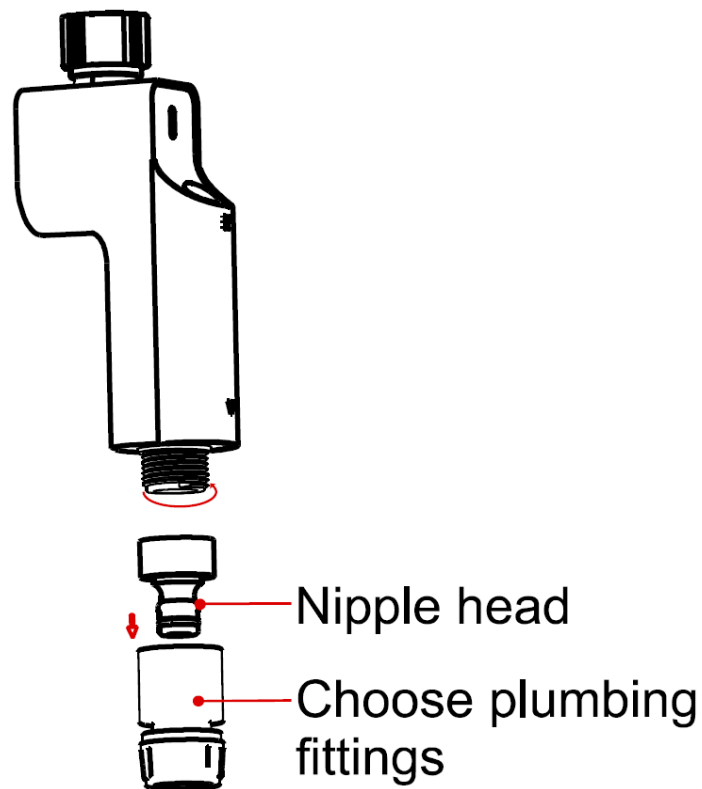
3. Install the battery.

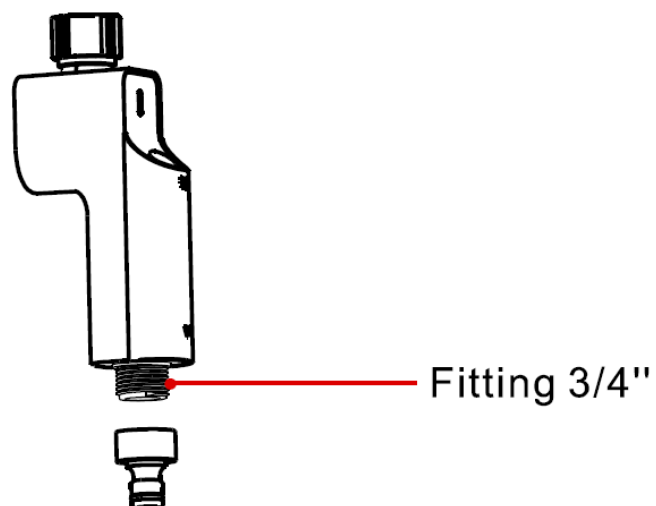
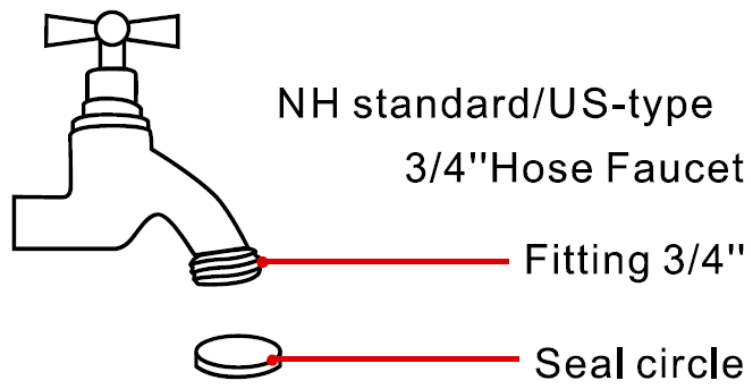
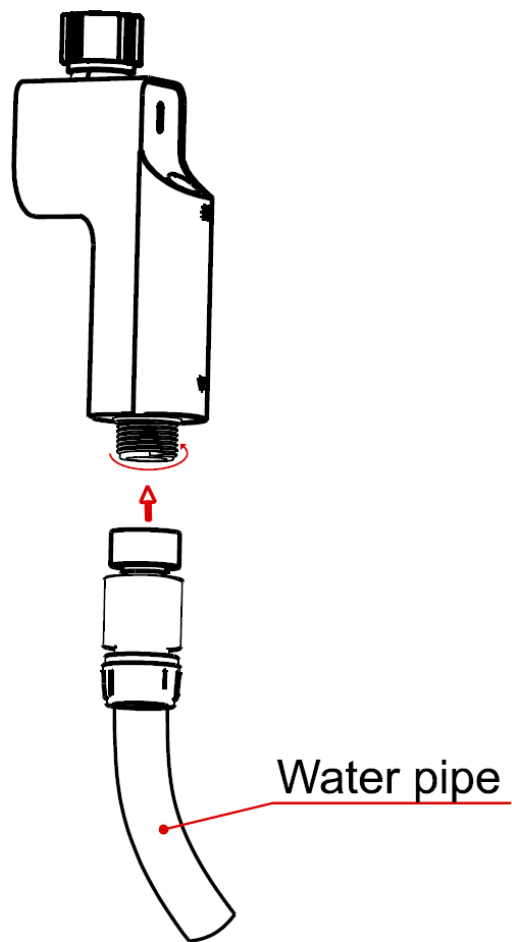


4. Install the battery slide cover.



Installation





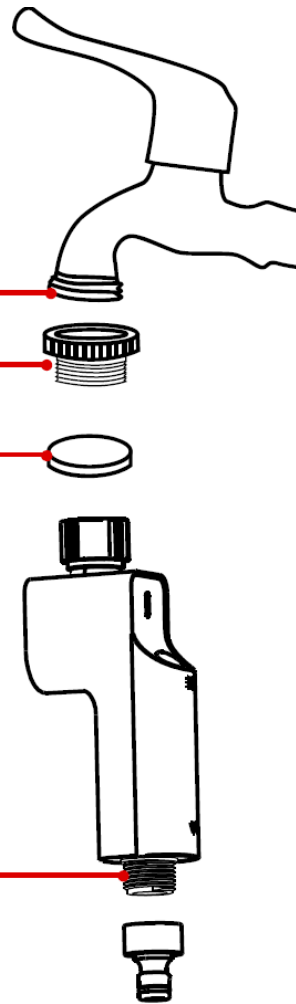
BS standard/EU-type
1/2"Hose Faucet

Fitting 1/2"

1/2" Adapter

Seal circle

Fitting 3/4"



LED indicator

*Pairing and networking indicator:
the red and green lights flash alternately.

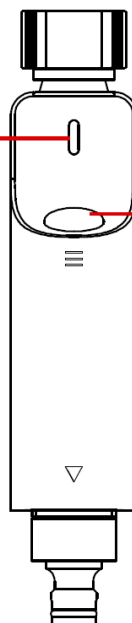
*Power on: the red light is on for 1s

**Manual switch button for
watering device**

Short press once: open/close the valve

Manual control(without WIFI connect or
loss connect): watering 10 min.

App control(Connected WIFI): Set to 15
min that watering 15 min.
Set to 30 min that watering 30 min.



Link APP-Login

Download:

Click App store or Android application market to download "TuyaSmart" APP.

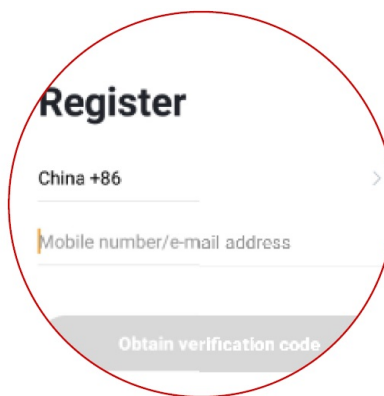


Registration and Login:

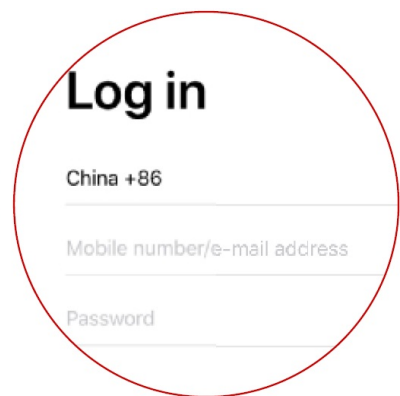
Click the “Register” to create account.
Enter your account password to log in



Register



Create account

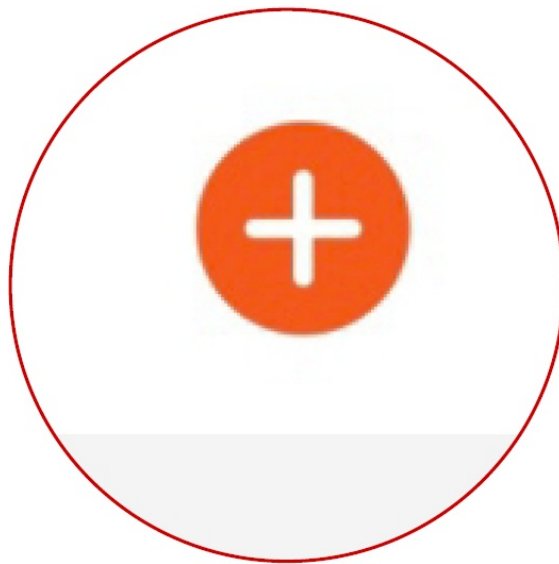


Login

Link APP

Add Gateway

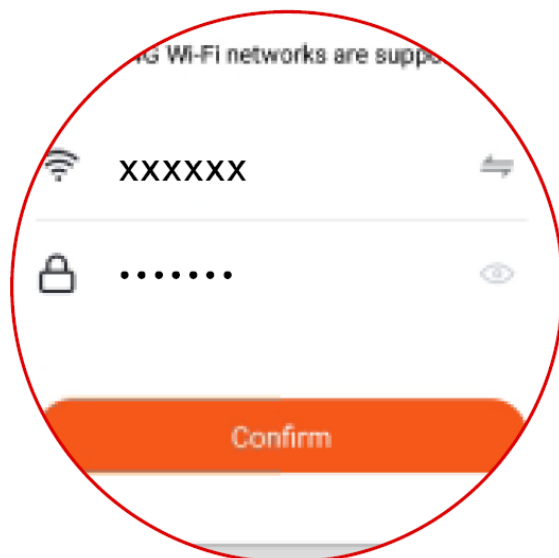
1. Enter the “HOME” interface of the app. Click the “+” in the upper right corner.



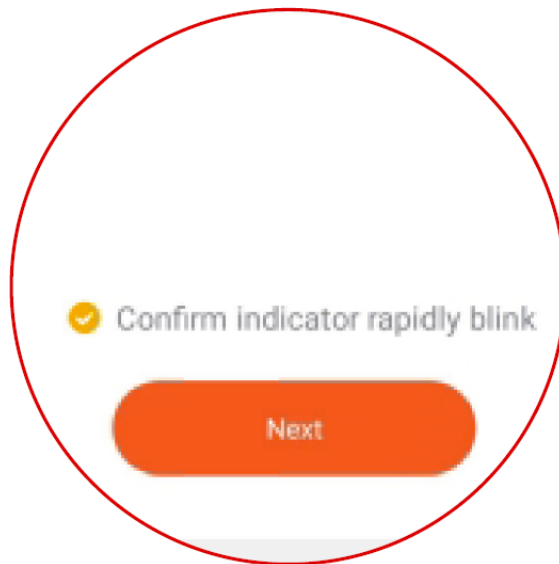
2. Click the list bar “Gateway Control”, select “Wireless Gateway (ZigBee)” in the right device list.



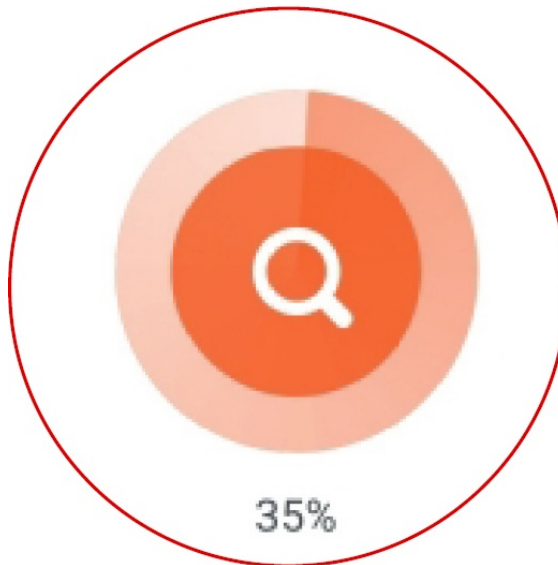
3. Enter your Wi-Fi account and password. Click “Confirm”.



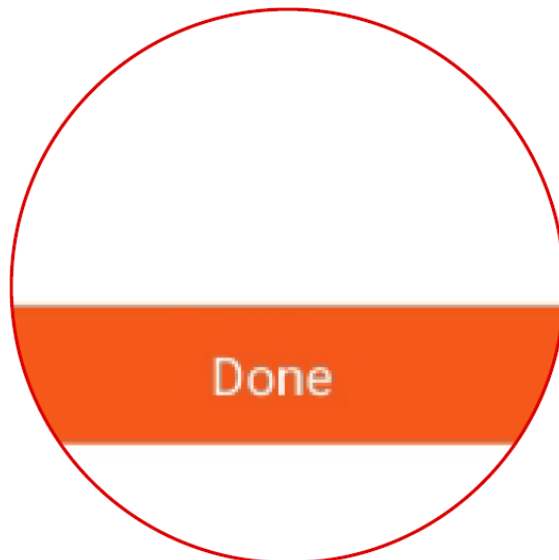
4. Make sure the red light is blinking fast. Click “Next”.



5. Wait a few seconds until the search progress is 100%.



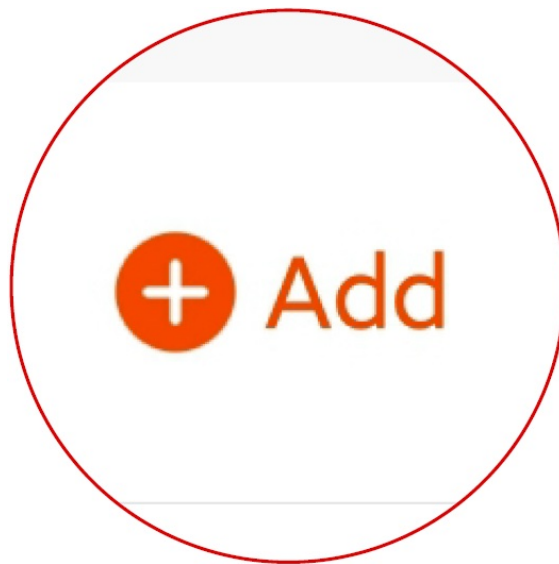
6. Click "Done", it means the gateway added successfully.



Tip: Before binding the gateway, you need to power on the gateway.
When binding a gateway, the mobile phone and the gateway must connect to the same network (2.4G).

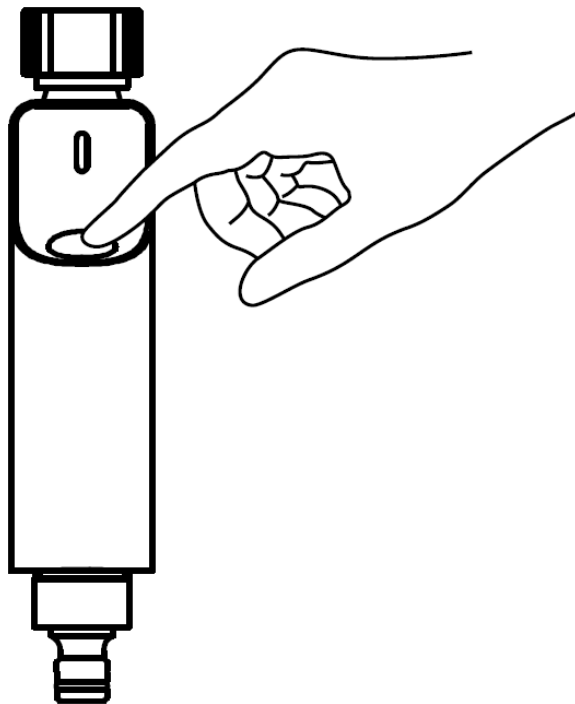
Add Timer

1. Click "+ Add" to enter the device list.

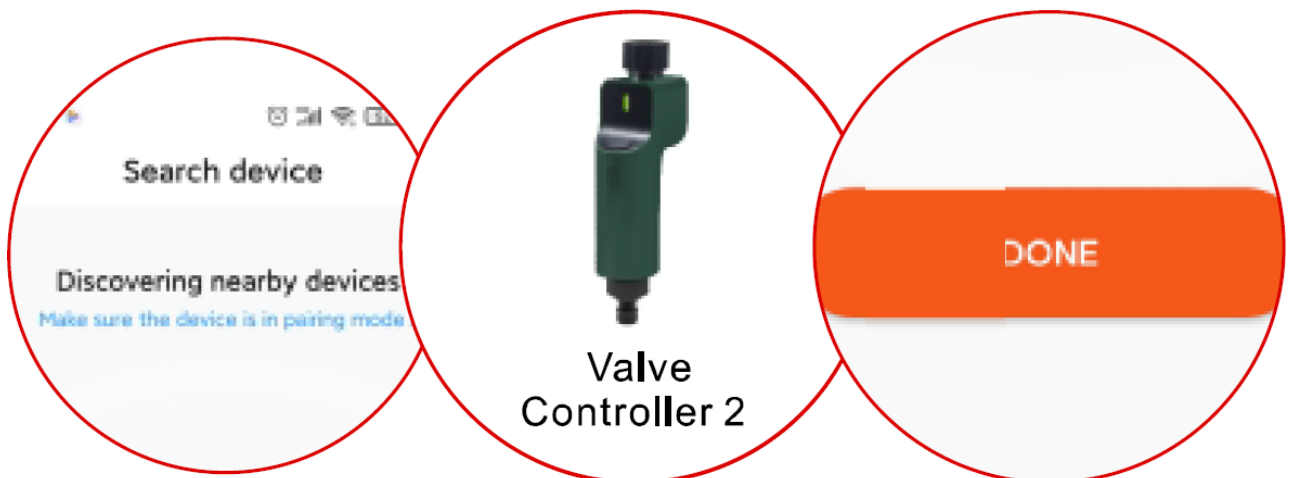


2. For timer: Long press the power button for 3 seconds.

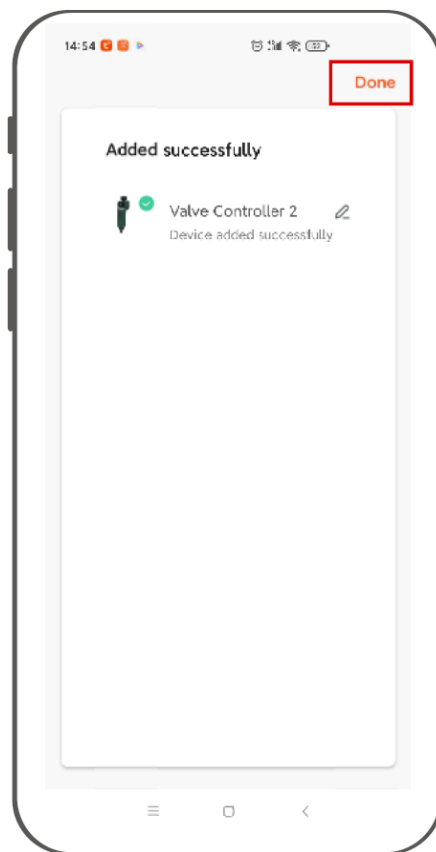
Tips: During pairing, the water timer indicator light flashes red and green alternately.



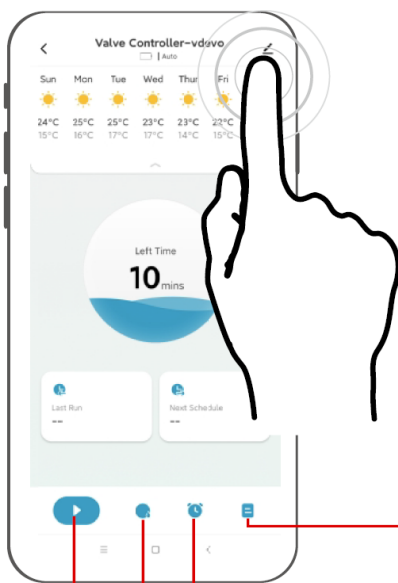
3. Search device, then click “DONE”.



4. Click “Done”, it means “the Timer” added successfully.



Tips: Gateway must be added before adding Timer.



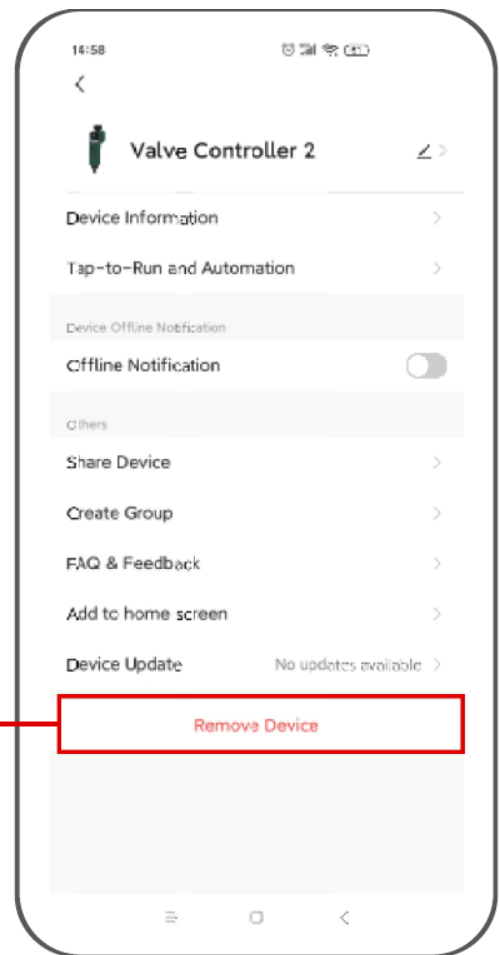
Click "☰" to check history

Click "🕒" to set program

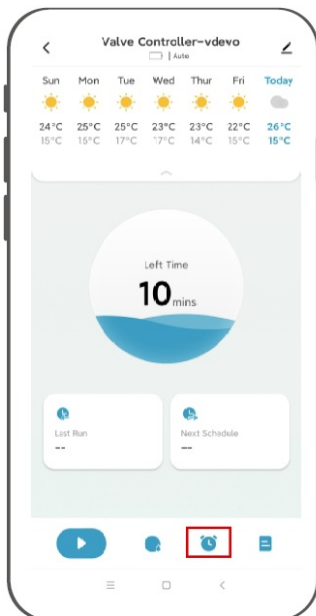
Click "●" Set delayed watering time

Click "▶" Set manual mode switch watering function,
(Power-on state: run for 10 minutes by default, if programmed,
run according to the watering time set by the APP)

Click here to remove Device



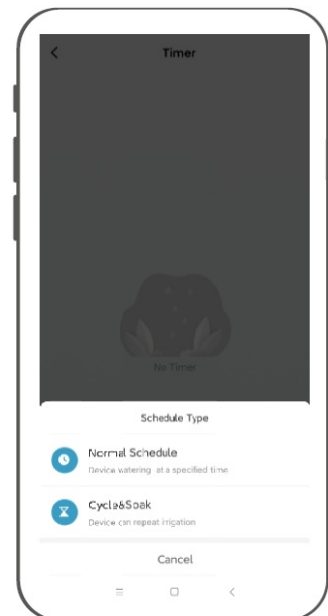
Set Timed Watering



① Click "🕒"



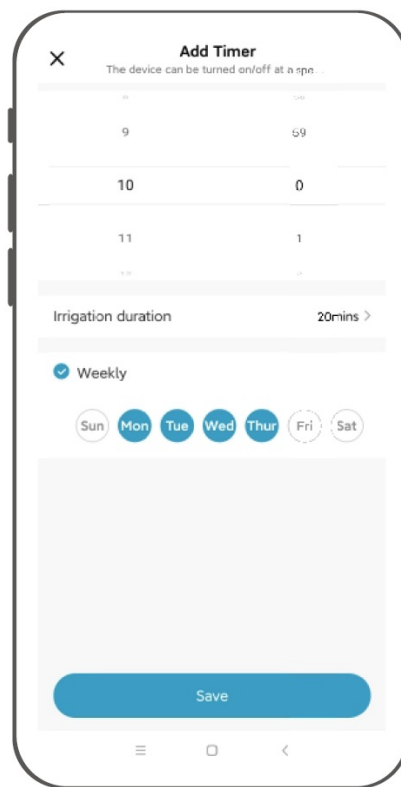
② Click "+"



③ Choose the type of programming according to your needs

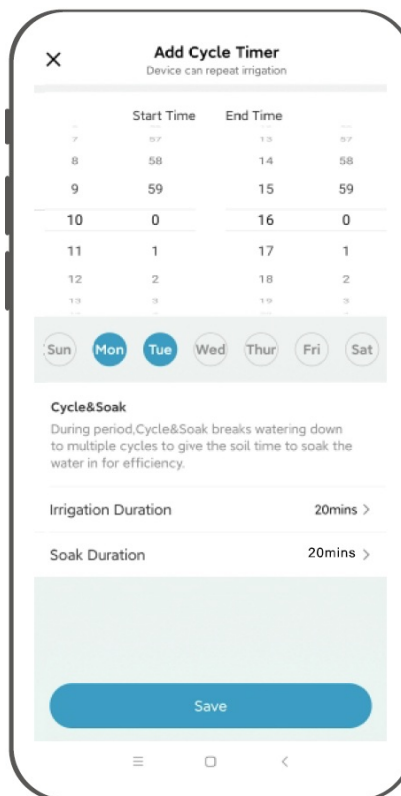
Normal Schedule

This setting means: every Monday, Tuesday, Wednesday, Thursday at 10:00 start watering 20 minutes.



Cycle & Soak

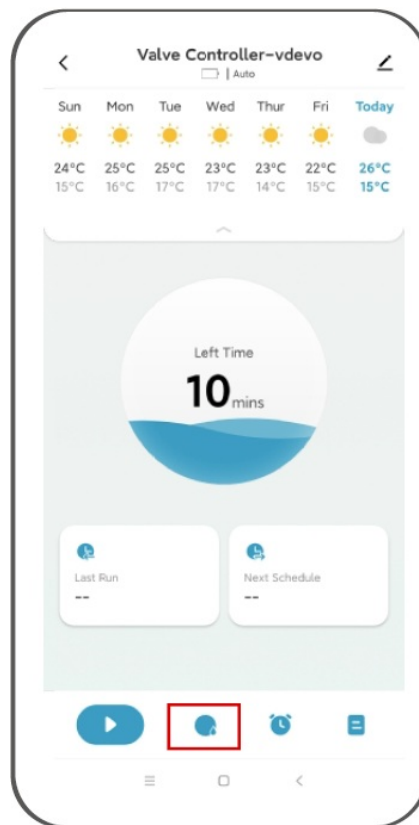
This setting means: every Monday, Tuesday 10:00-16:00 every 20 minutes water 20 minutes.



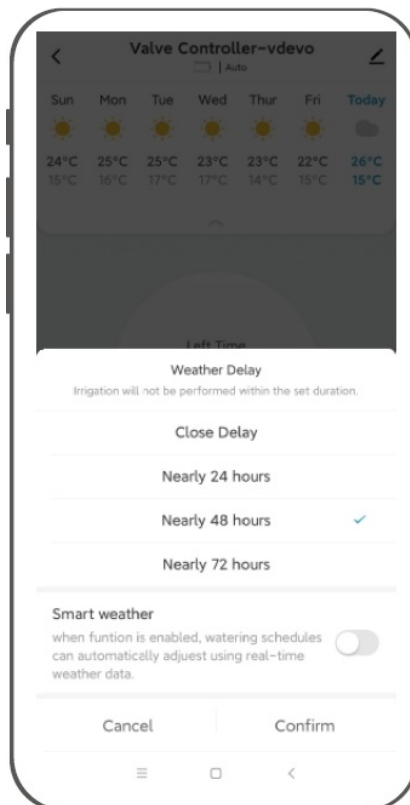
Note: When two programming modes are set at the same time, run in the last set programming mode.

Delayed Watering

1. Click icon.

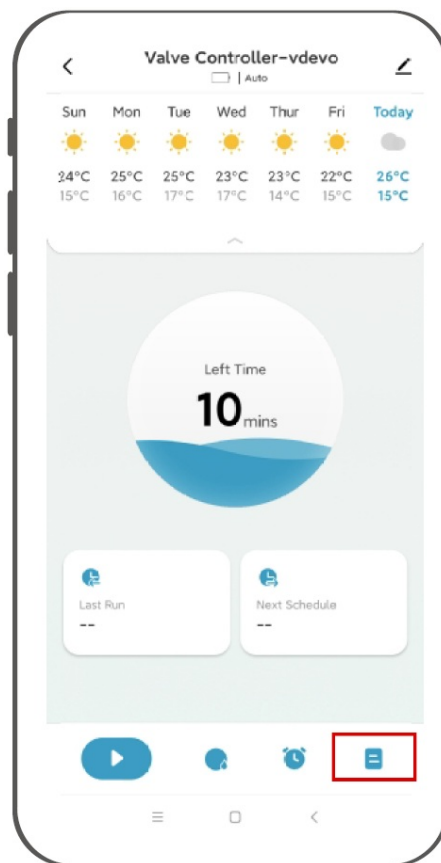


2. Set the delayed watering time as needed, click “Confirm”.



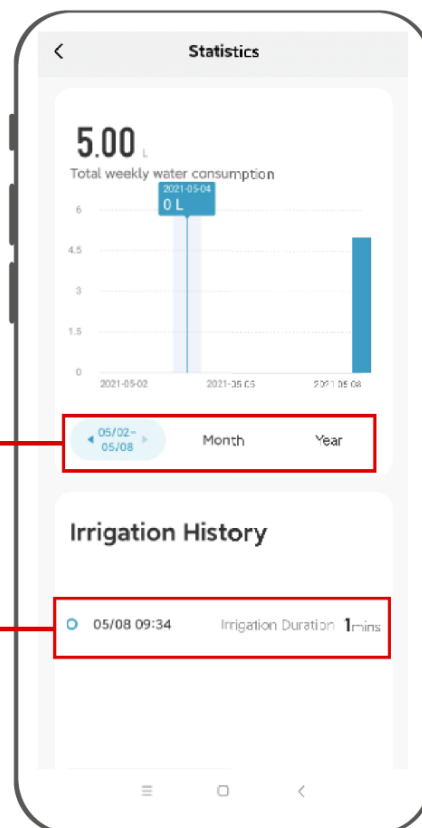
View Watering Records

Click icon, view your watering record statistics.



Click here to view weekly, monthly, and annual irrigation consumption

Irrigation time record



Voice Command

After waking up the speaker, you can say:

Amazon Alexa

- Alexa, open <device name>.
- Alexa, close <device name>.

Google Assistant

Tips: you need connect to the Google speaker

- Ok, Google, start <device name>.
- Ok, Google, stop< device name>.

Tips: You can name the device yourself.

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.

FCC Warning

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Documents / Resources

	<p>Shenzhen Saswell Technology SAS980SWT-7 Smart Water Timer [pdf] Instructions SAS980SWT, 2AOIFSAS980SWT, SAS980SWT-7 Smart Water Timer, Smart Water Timer</p>
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