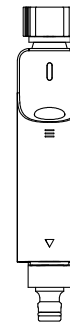


# INSTRUCTIONS

SAS980SWT-7  
SAS980SWT-7(US)  
SAS980SWT-7(EU)

# INSTRUCTIONS

SAS980SWT-7 SAS980SWT-7(US) SAS980SWT-7(EU)

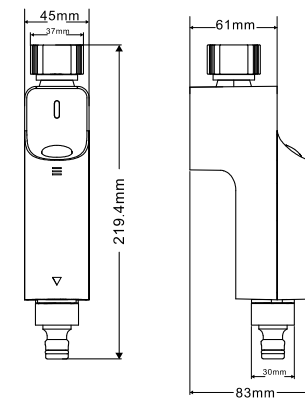


## Content

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## Technical parameter

The power supply: 2x1.5V 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 Zigbee 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.

02

### **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:**

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

### **Anti-leakage design:**

Use standard threaded NH3/4-11.5 or G3/4-14 and NH1/2 adapter design.

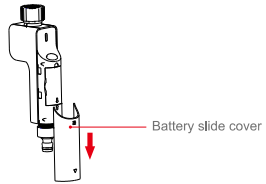
### **Power-off memory:**

Programming data, pairing information.

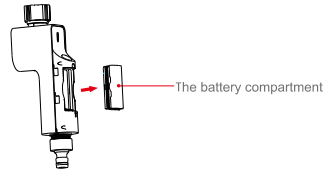
03

## Install battery

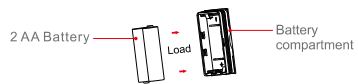
1 Open the battery slide cover.



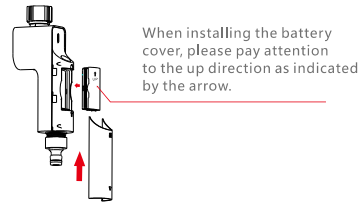
2 Remove the battery compartment



3 Install the battery

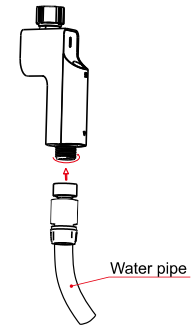
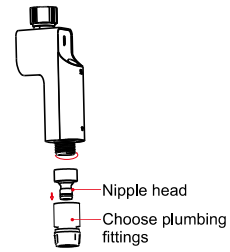


4 Install the battery slide cover

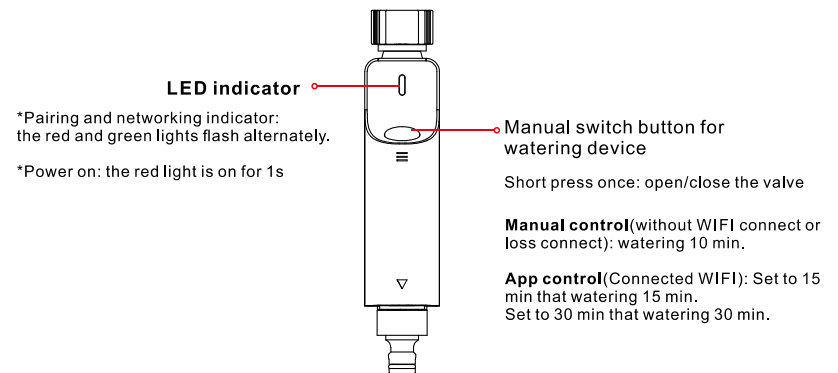
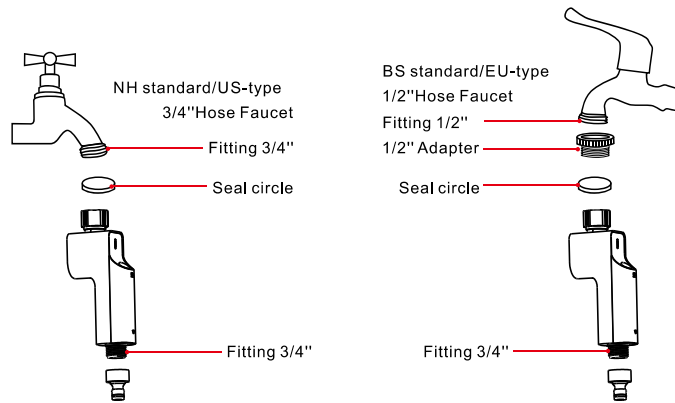


04

## Installation



05



# LINK APP

## Link APP-Login

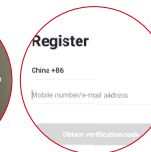
Download:  
Click App store or Android application market to download "TuyaSmart" APP.



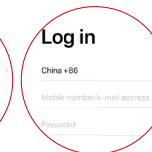
Registration and Login:  
Click the "Register" to create account.  
Enter your account password to log in



Register



Create account

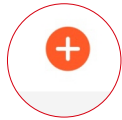


Login

# 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.

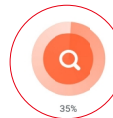


Tips: if your gateway is wired, please click "Gateway(Zigbee)"

- 3 Enter your wifi account and password  
Click " Confirm "



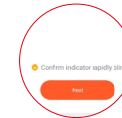
- 5 wait a few seconds until the search progress is 100%



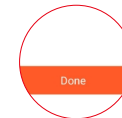
### \* Tips

- 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).

- 4 Make sure the red light is blinking fast.  
Click " Next "

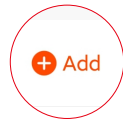


- 6 Click "Done", it means the gateway added successfully.



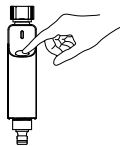
## Add Timer

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



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

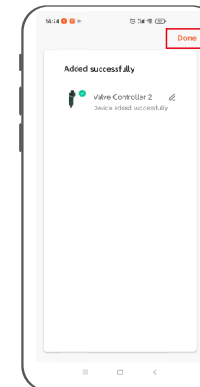
Tips: During pairing, the water timer indicator light flashes red and green alternately



3 Search device.....  
then click" DONE"



4 Click "Done", it means  
" the Timer " added successfully.



\* Tips

- Gateway must be added before adding Timer.

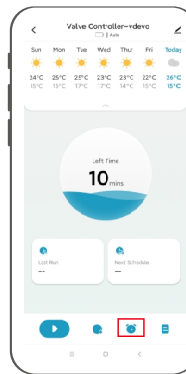


After clicking the right top button, there is a basic information and operation board with several different options: **Device Information, Ta-to-Run and Automation** and other basic functions and services for the device.

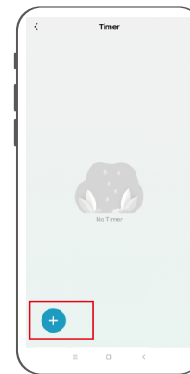
Click here to remove Device

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)

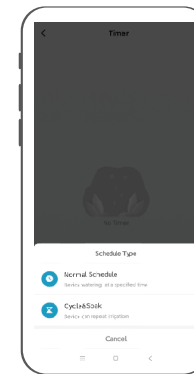
## Set Timed Watering



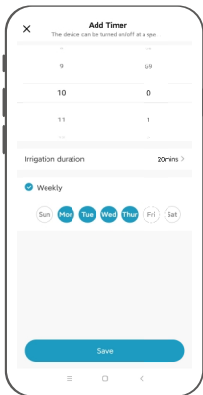
1 Click "🕒"



2 Click "+"



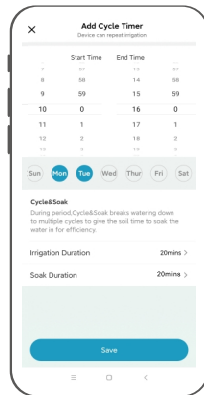
3 Choose the type of programming according to your needs



**Normal Schedule**

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

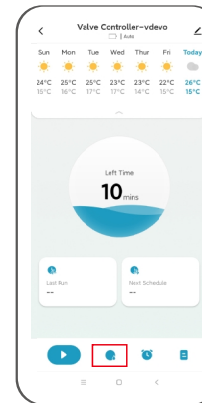
Note: when two programming modes are set at the same time, run in the last set programming mode.



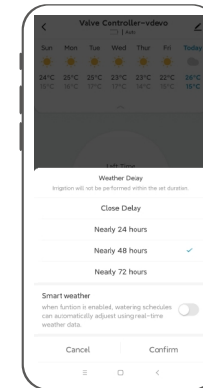
**Cycle & Soak**

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

**Delayed watering**

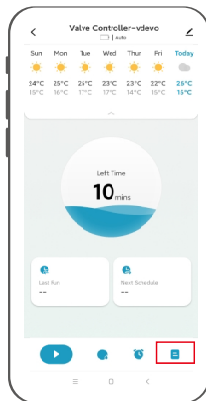


1 Click "🕒"



2 Set the delayed watering time as needed, click "Confirm"

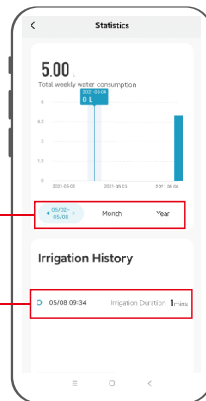
## View watering records



Click "☰", 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>.

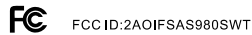
### Google Assistant

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.