

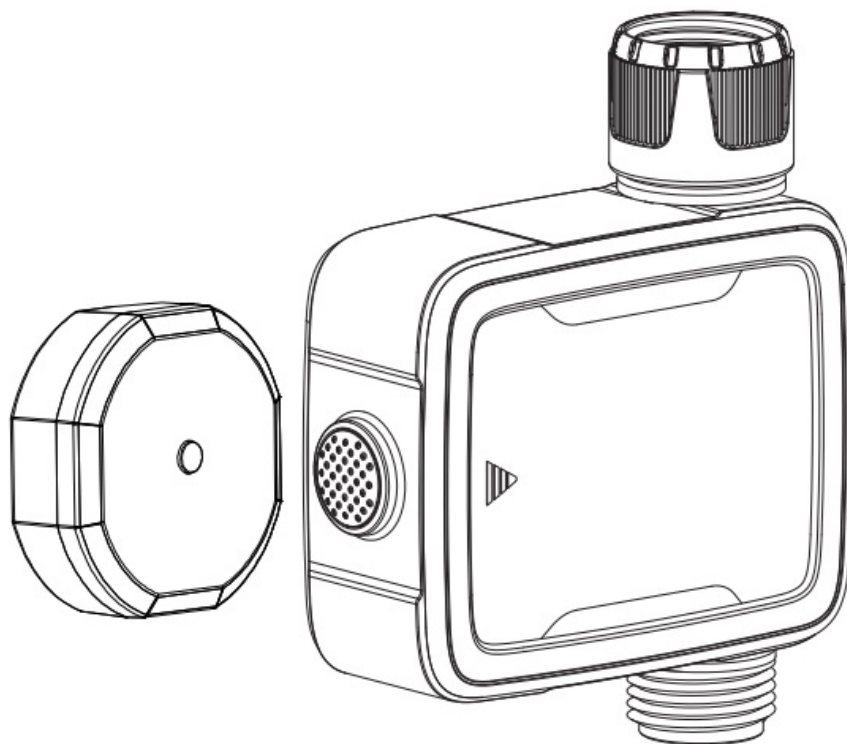


Contents [[hide](#)]

- 1 [OralGarden SVR-07 Smart Hose Faucet Timer](#)
- 2 [INCLUDED IN PACKAGE](#)
- 3 [PRODUCTS OVERVIEW](#)
- 4 [SPECIFICATIONS](#)
- 5 [FEATURES OVERVIEW](#)
- 6 [APP HOME SCREEN](#)
- 7 [Other Settings](#)
- 8 [SMART AUTOMATION](#)
- 9 [REST THE DEVICE](#)
- 10 [TROUBLESHOOTING](#)
- 11 [FCC Warning](#)
- 12 [Documents / Resources](#)
 - 12.1 [References](#)

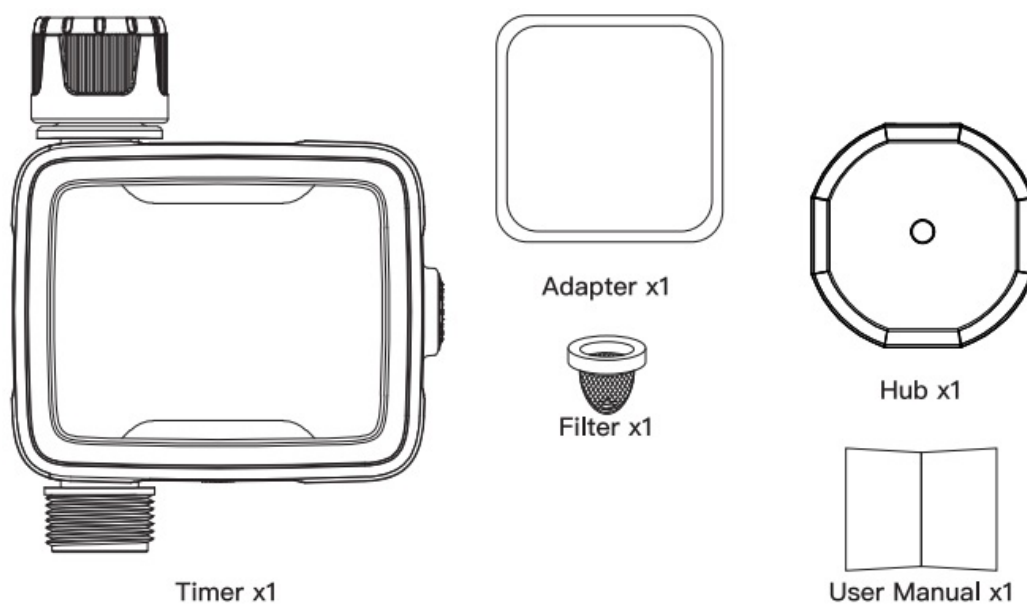
OralGarden

OralGarden SVR-07 Smart Hose Faucet Timer



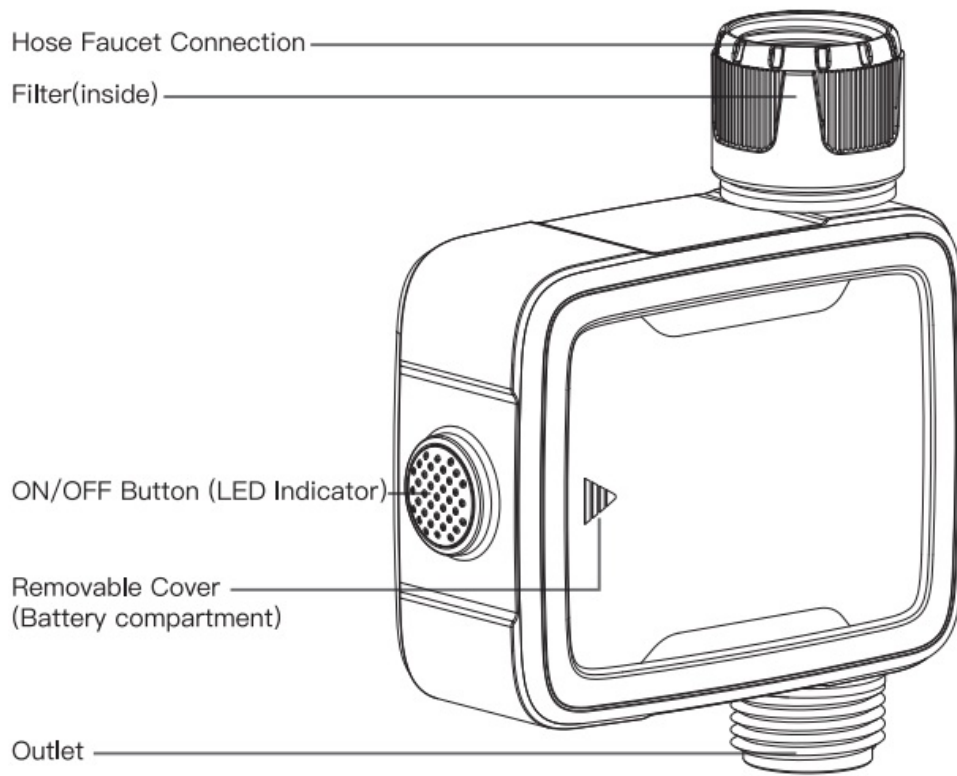
INTRODUCTION

INCLUDED IN PACKAGE



PRODUCTS OVERVIEW

SWV-07 Smart Hose Faucet Timer

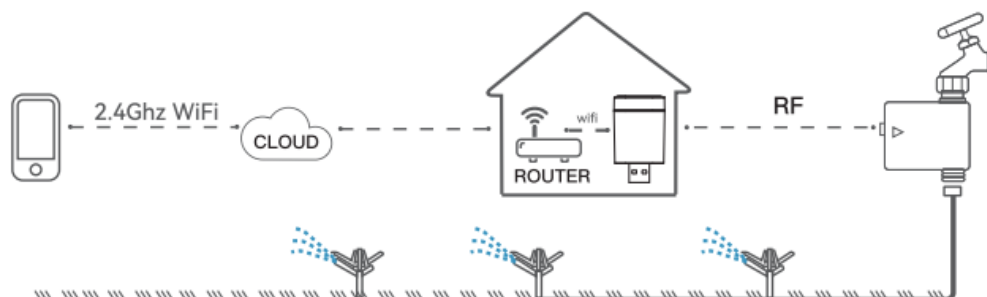


SPECIFICATIONS

Timer

- Model: SWV-07
- Range: 500 ft without interference
- Pressure operating range: 0.5 bar to 8 bar(7.25—116.03PSI)
- Temperature operating range: 370f—1220f (3—500c)
- Powered By: 2* AAalkaline batteries (not included)
- WaterProof: IP54
- Bluetooth Type: BLE 4.2

FEATURES OVERVIEW

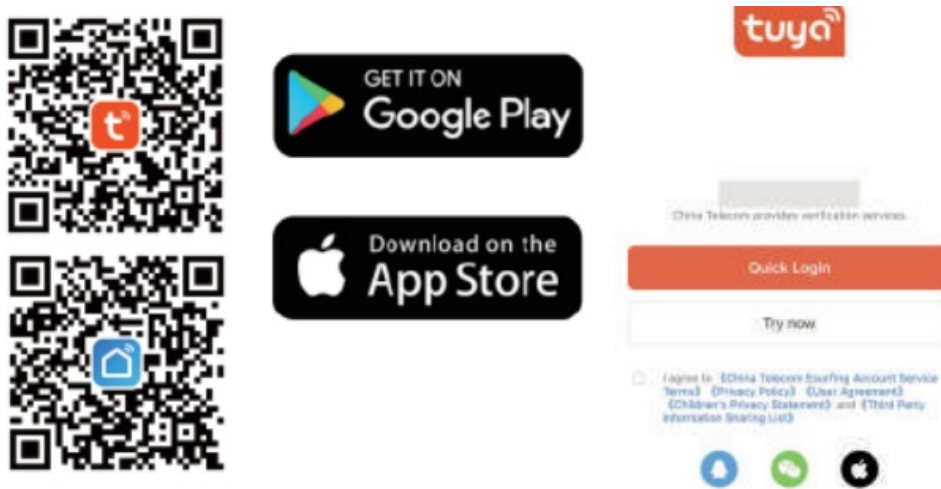


Working Path Overview

1. Remote Control : Manage your watering schedule via the APP at any within 500m without interference time.
2. WiFi Hub: The WiFi hub with a USB port could be used on adapter or any power supply with USB port.
3. Manual Watering: Manually turn on/off watering and set watering time via button or APP.
4. Watering on schedule: The timer can be set up to several separate watering programs daily. Each watering program has a different start time, duration, and watering frequency.
5. Automatic Watering: The App will automatically synchronize the local weather based on your home address after locating information. The timer will execute the irrigation plan according to the weather trigger conditions you set automatically.
6. Rain Delay: Manual rain delay in APP from 24h, 48h, and 72h.
7. Two Watering Modes: Normal and Cycle & Soak mode.
8. Co—management with family: Home Settings allows you to add family members and permit them to manage the irrigation of your home garden together.
9. Low Power Alarm: The app will notify you when the batteries are at a low power level.

STEP 1: INITIAL APP SETUP

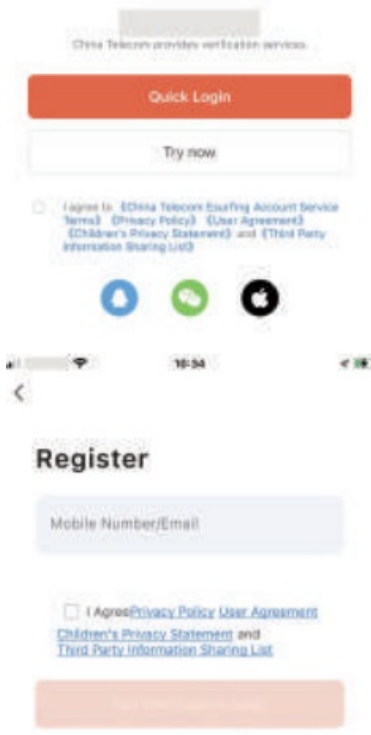
1. Download the Tuya Smart App If you don't already have the Tuya Smart App on your smart device, search for "Tuya Smart" and download the free Android or iOS app



2. Open the Tuya Smart App Create an account with your email or mobile number or login with an existing account to begin timer setup.



Note: Ensure your country/region details are correct at this stage. (open the Location Service) You may be prompted to allow access your location. This allows the app to

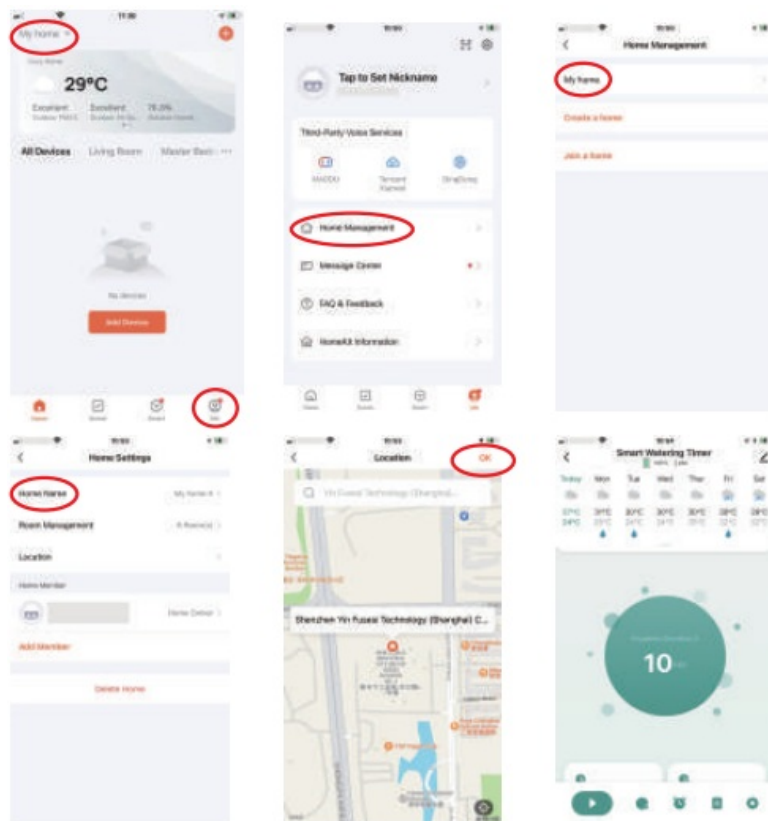
show weather information, and can still function if you choose to opt out. You also could add the device to your existed “SmartLife” app.



STEP 2: GET LOCAL WEATHER

Program and get weather information based on the following steps

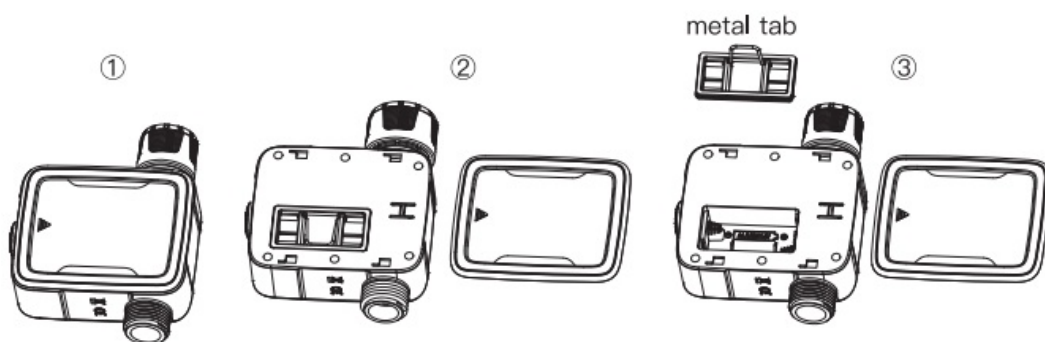
1. Open Tuya Smart App and tap “ Me” the icon.
2. Tap the “ Home Management
3. Tap the “My home”
4. Tap the “Location”,also you could edit the ‘Home Name” ,pick a funny name for yourself.
5. Tap “OK” after your location shows correct on the map



STEP 3: ADD THE WATER TIMER

1. Insert Two AA Batteries.

Batteries are not included and you will need two alkaline AA batteries to power your timer. Remove the battery cover and install the batteries according to the drawings located in the tray. Firmly reinstall the battery cover back.



1. Step 1: Slide the out cover on the rear of the timer in the triangular direction and remove it.
2. Step (2): You then pull on the metal tab to access the battery compartment.
3. Step 3 Insert 2 x AA alkaline batteries into the timer in the correct orientation and reinstall the battery cover and timer real cover back.



Warning:

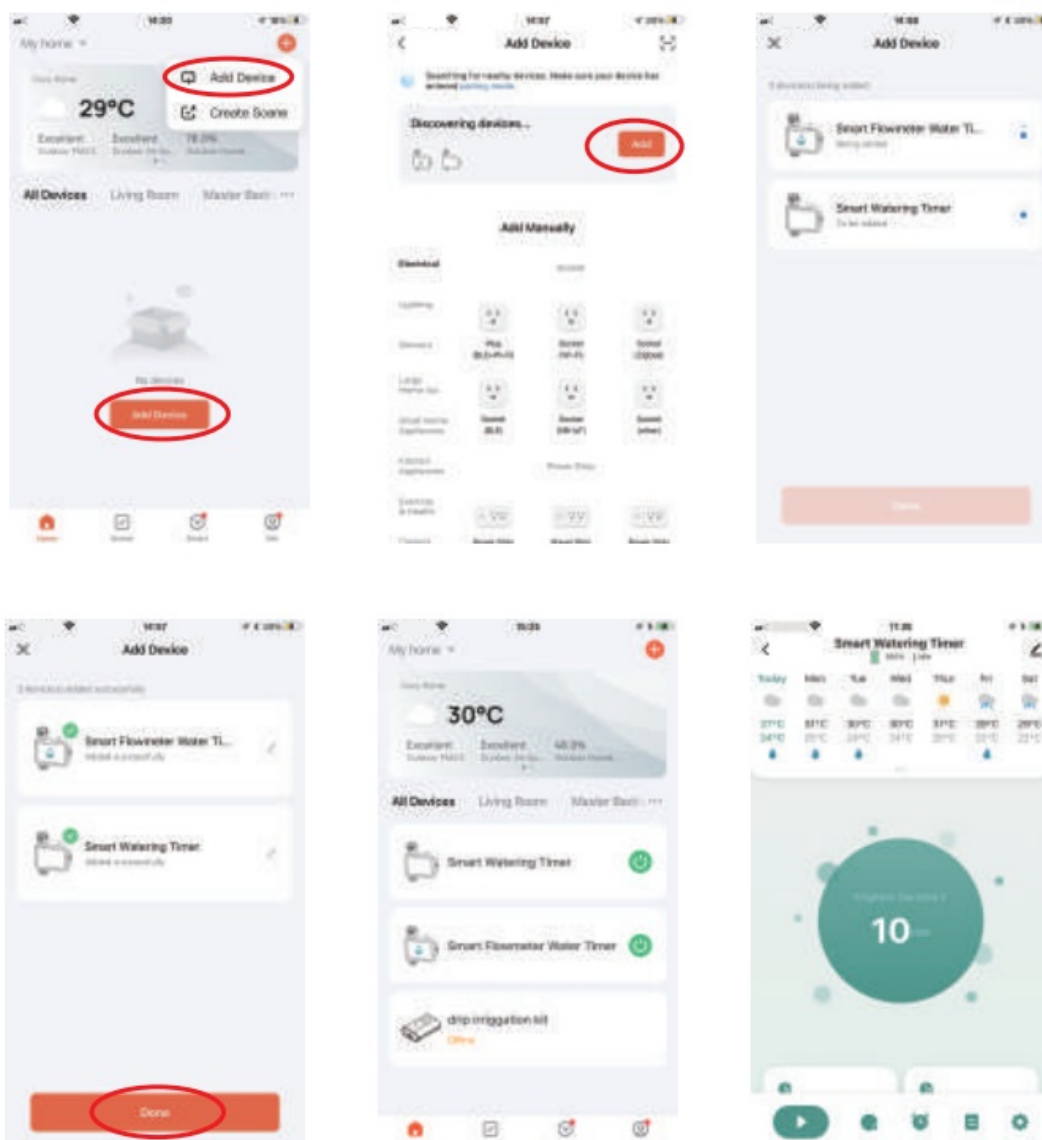
1. Please use only alkaline batteries.
2. Do not mix old and new batteries.
3. Batteries are to be inserted with the correct polarity.
4. Exhausted batteries are to be removed from the product.
5. Please remove the battery from long—term no use.

PLEASE NOTE:

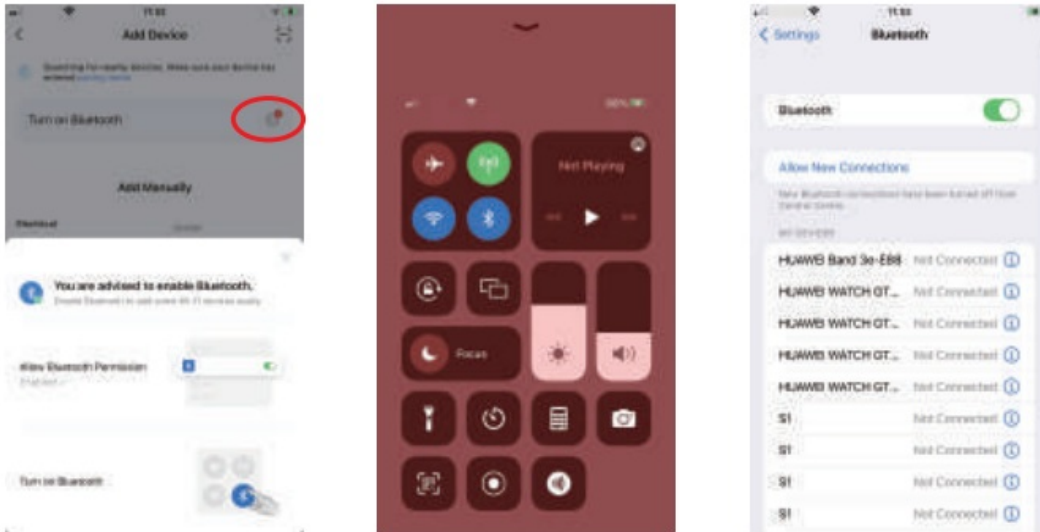
Ensure that the battery cover is closed tightly to prevent water and dust from entering.

Your timer is now in pairing mode and blinking a green light every 0.3 second for 1 minute.

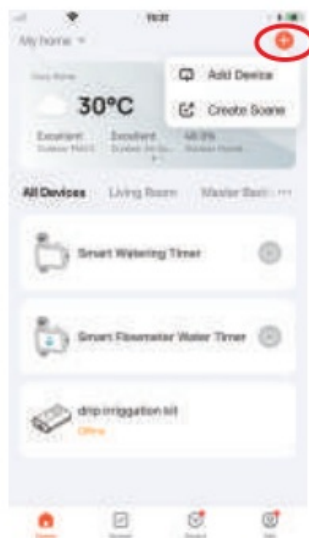
Return to the APP home screen, and tap “Add Device”   “Add Device” to add the water timer. Tap “Done” will enter into the timer programs screen.



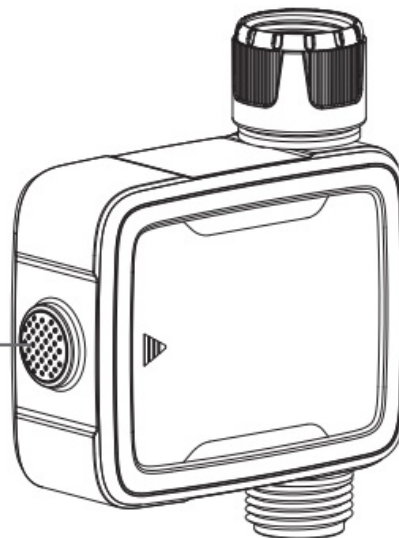
1. Tips 1: If you can't find the device, please tap the icon “Turn on Bluetooth” and follow the tips to turn on Bluetooth and add the device again



2. Tips 2: If at any time you need to re-pair, press and hold the ON/OFF button for more than 5 seconds until the LED indicator blinking in green quickly. At this point, the Bluetooth icon turns gray, indicating that the connection is stop. Tap “+» Add Device” and add device again.



ON/OFF Button
(LED Indicator)



3. Tips 3: If you remove or change the batteries(in condition Bluetooth paired), there is no need to reconnect to Bluetooth. Tap the icon “ ” to turn on/off the device after reinstalling batteries.

APP HOME SCREEN

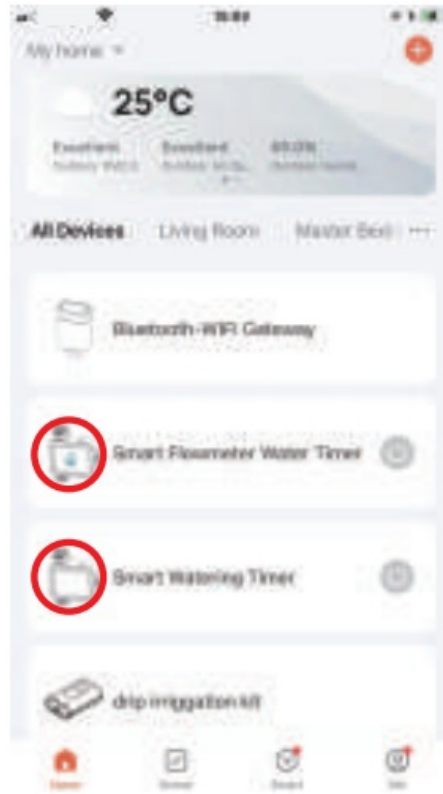
1. Home Management You can locate your home, customize the home name and add family members. It is convenient for you to manage irrigation schedules for different residences.

2. Add Devices You can add multiple smart devices on the APP to create a smart home irrigation system.
3. Local Weather Forecast Get your local weather forecast from website to realize intelligent watering.



4. All Devices A checklist of all the devices you have connected. Tap to enter the operation page of devices you have added to program the operation schedule of the device.
5. Room/Device Management Room management distinguishes multiple devices and adds these devices to different rooms for management and use. Device Management is for removing the paired smart device from the list.
6. Scene There are “Tap to-Run” and “Automation” functions on the “Scene” screen. You can automate multiple innovative products by setting conditions and tasks.
7. Smart You can subscribe to different value-added services
8. Me On the “Me”screen, there are ‘Message Center”and “FAQ & Feedback” functions. You will receive water leaks and low battery alerts on the Message Center”. And you can get FAQ and report issues on “FAQ & Feedback”.

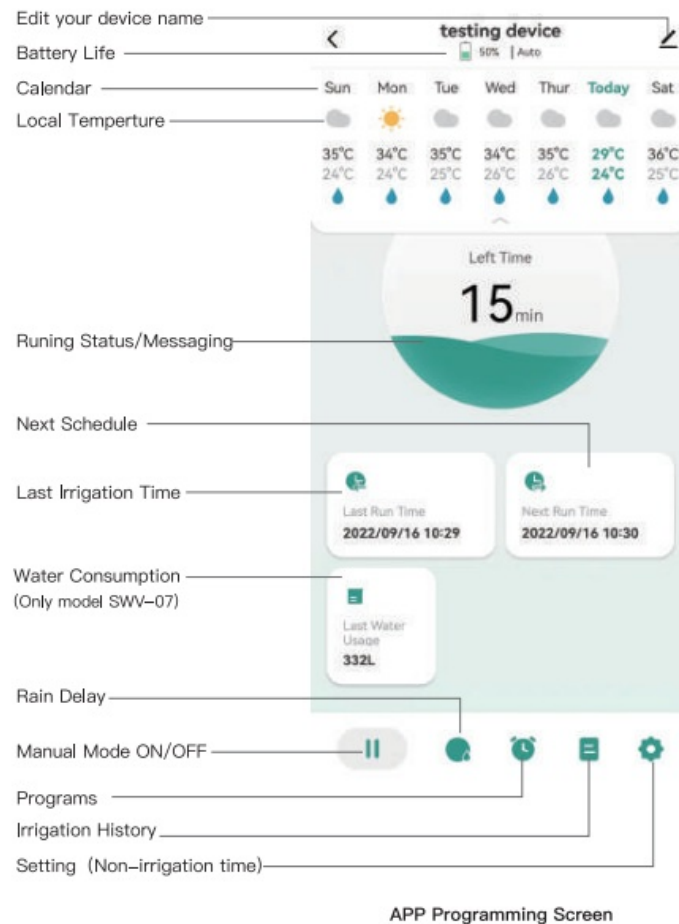
APP PROGRAMMING SCREEN



Tap the water timer on the All Devices list on the APP home screen. It will display all the parameters and functions of the timer manually set on the APP.


NOTE: The Water timer will follow and perform the preset watering schedule after the application is programmed successfully, even if the phone or device loses network connection.

APP PROGRAMMING



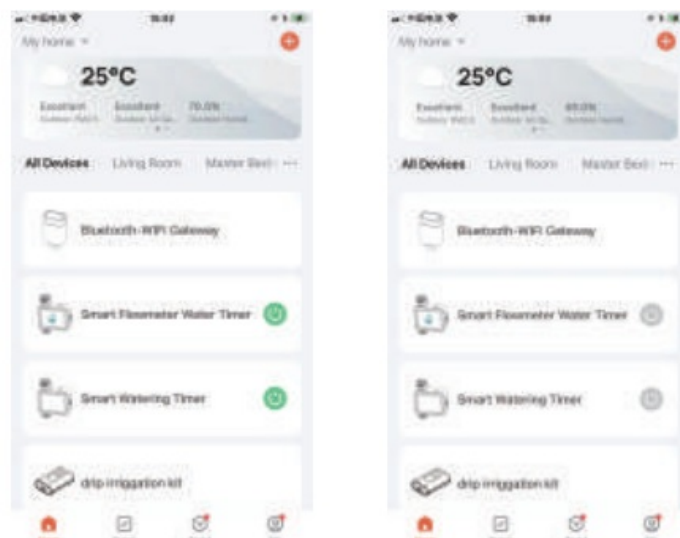
Manual Watering Manual

Watering

Your timer has the ability to allow you to manually water without disturbing the programmed schedule. Manual is used to test equipment, run an extra watering cycle in an area, or to use the hose faucet without removing the timer. Press the ON/OFF button once to activate manual watering. You will also hear one clicks at once. LED indicator in ON/OFF button will be up in green. Also, the “” icon will turn on in green color.



ON/OFF (manual watering mode)



You can set how long you want the preset manual watering mode to run using the app.
Go to “Home” screen > tap the device icon>irrigation Duration>Runtime
Select>Save>Start or Stop ►||

Stop Watering

You can stop the flow of water at any time, whether it is during manual watering, or during a programmed time.

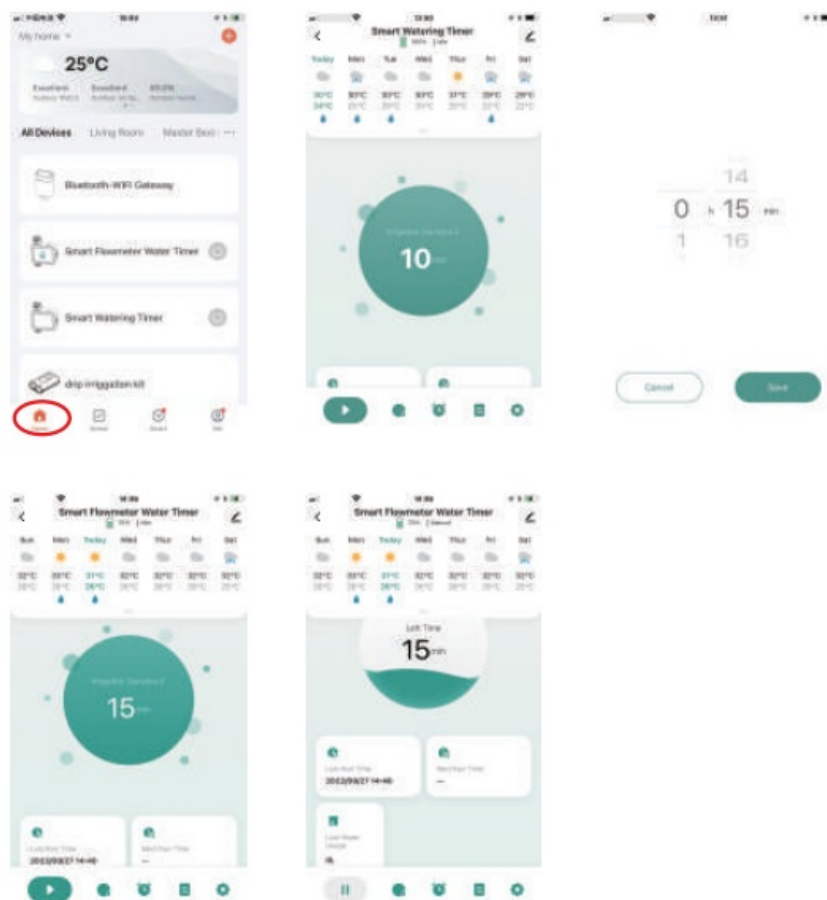
Press the ON/OFF button or tap “||” icon once to stop watering.

Default runtime is 10 minutes.

The maximum runtime up to 24 hours

For example:




The third picture below shows that the Bluetooth water timer will be watering for 15 minutes in manual mode.

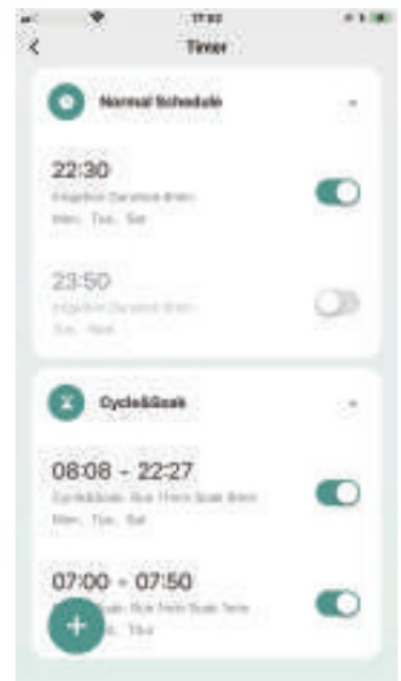
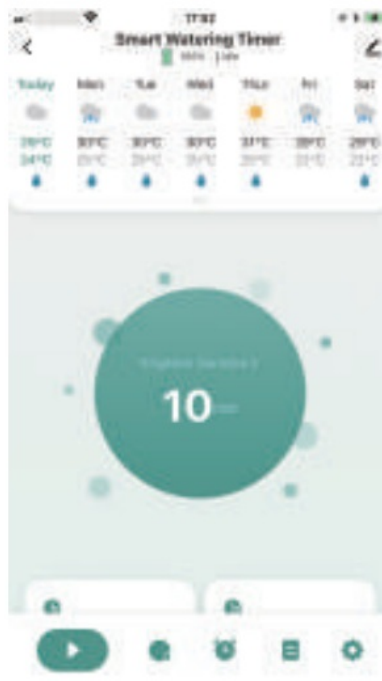
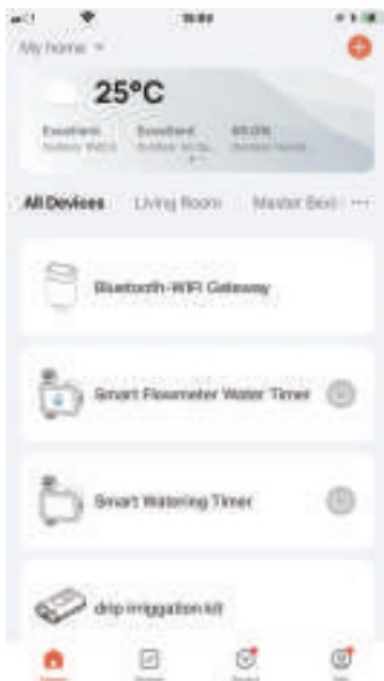


WATERING PLAN & MANUAL RAIN DELAY


Watering Plan

When your watering plans are programmed successfully, they will be listed on the

“Timer” screen. Slide the switch of the watering plan to turn it on or off. Open the Tuya App and tap the device icon on the “All Device” list. Go to “Home” screen > tap the  icon>Normal Schedule/Cycle&Soak List>>Turn ON/OFF “   ”



How to set up the watering plan?

1. Tap the  icon on the home screen of the APP. Then tap + icon choose the schedule type.
2. Each watering plan has two watering modes: Normal Schedule and Cycle&Soak.

NOTE:

These two modes do not refer to the difference in the water output of the timer, but the different settings of the watering frequency and duration.


Normal Scheduel Mode: Watering at longer intervals Cycle/Soak: Watering at shorter intervals



Normal Schedule Plan Setting

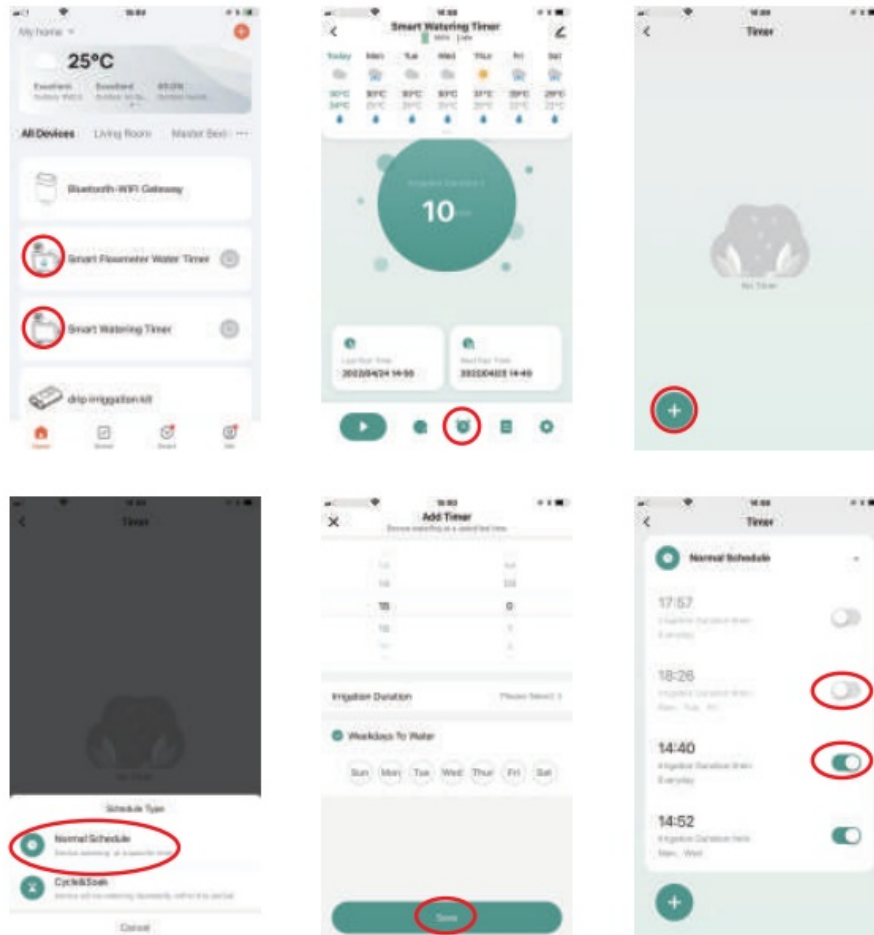


Normal Scheduel:

Water for a particular period in a day. At this mode, you can set several different watering plans everyday. Each watering plan can be set with different start time,

duration and watering day (frequency). Slide the switch of the watering plan to turn it on or off. Open the Tuya App and tap the device icon on the “All Device” list. Go to “Home” screen > tap the  icon>tap the + icon>Normal Schedule>Save>Turn ON/OFF

“   ”



For example:

The picture is below shows that the bluetooth water timer will water for 10 minutes in Normal Scheduel. The start time is every Monday, Tuesday and Saturday at 8:00 am.

Start Time
Select (Start time)to decide when the watering schedule device starts.




HOW LONG
Select(Irrigation Duration) and choose how long time of each schedule takes.

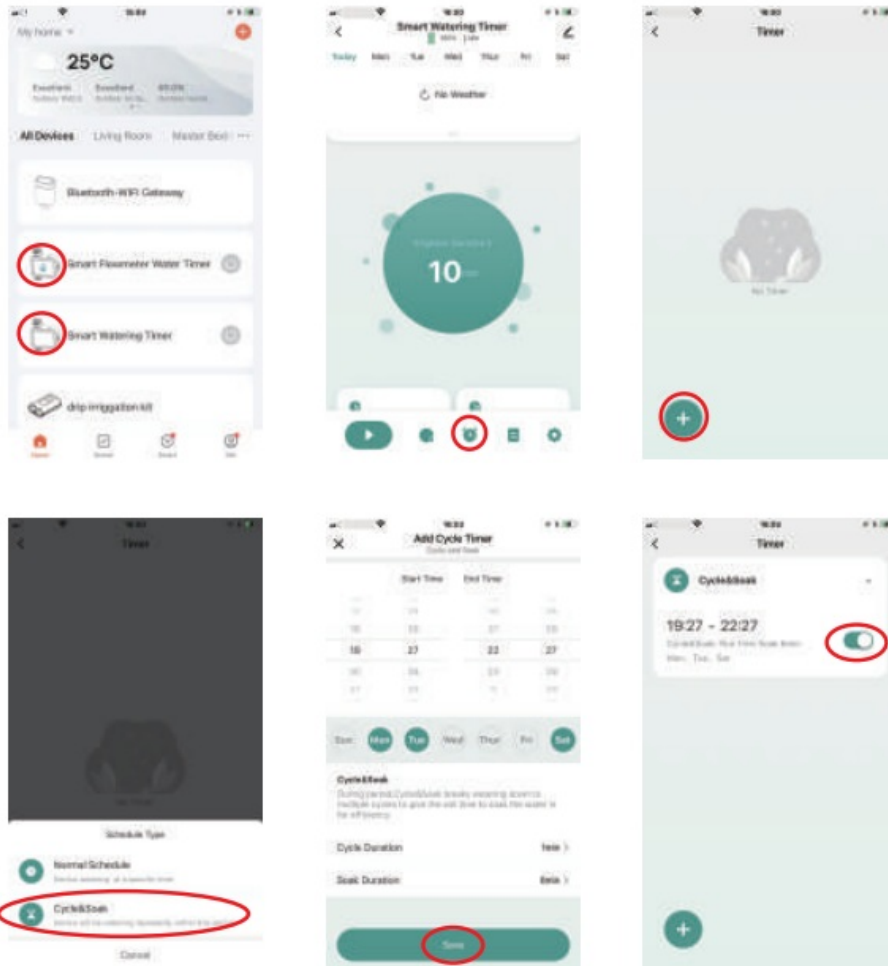
Watering Day Of The Week (HOW OFTEN/WATERING FREQUENCY)
Select a specific day, consecutive days, or interval days you want to water.

Cycle/Soak Watering Plan Setting

Cycle/Soak: Water for a certain period for several time in a day.

Open the Tuya App and tap the device icon on the “All Device” list.

Go to “Home” screen > tap the  icon>tap the + icon>Cycle/Soak>Save>Turn ON/OFF
“   ”



Start Time/End Time
Open the clock and set a start time and end time.

Start Time	End Time
17:00	18:00
18:00	19:00
19:00	20:00
20:00	21:00
21:00	22:00
22:00	23:00
23:00	00:00

Watering Day Of The Week
Select the days to repeat watering every week as needed.

Sun Mon Tue Wed Thur Fri Sat

Cycle Duration(H:M)
(HOW LONG)
Set the overall duration of the watering program (from 1 minute to 24 hours)

Soak Duration(H:M)
(HOW OFTEN)
Set the interval time between each Cycle Duration.(from 1 minute to 24 hours)

Cycle&Soak
During period,Cycle&Soak breaks watering down to multiple cycles to give the soil time to soak the water in for efficiency.

Cycle Duration 1min >

Soak Duration 6min >

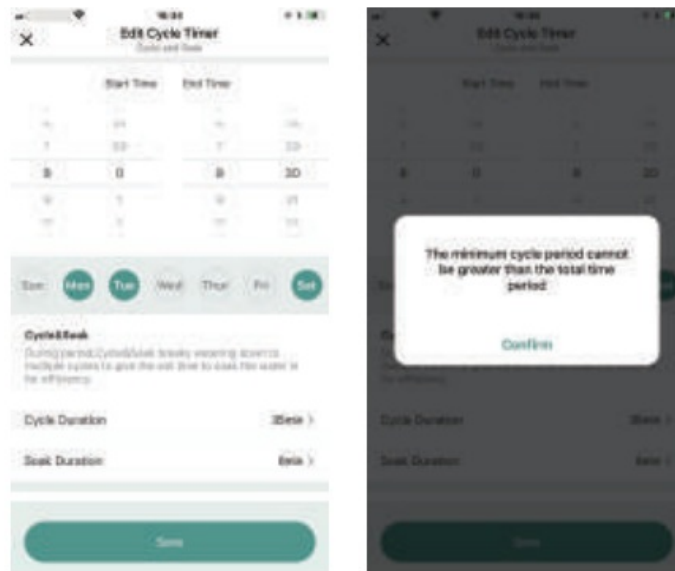
Save

TIPS

The minimum cycle duration period cannot exceed the total period

For example:

The picture below (left) shows that Bluetooth water timer will water for 35 minutes every 6 minutes in Cycle & Soak mode. The start time is every Monday, Tuesday, and Saturday at 8:00 am and ends at 8:30. The total period is 30 minutes. 2.The picture below(right) shows the setting fails after tapping “Save”, because the 35 , because the 35 minutes Cycle Duration exceeds the total period.



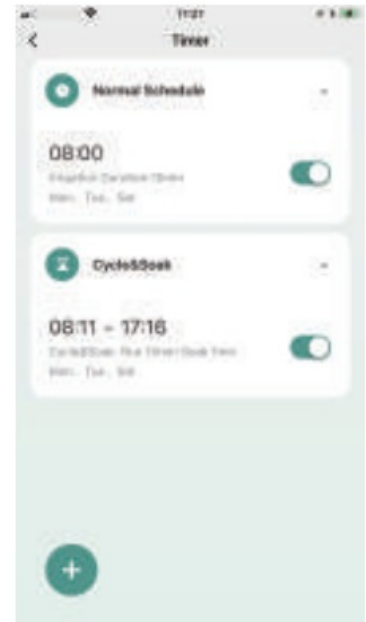
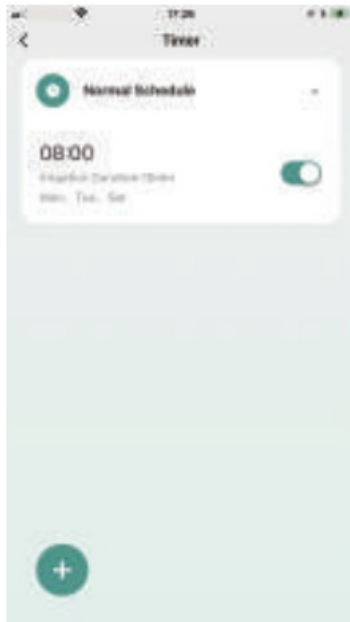
There will be a time conflict notice when the schedules overlap, causing plans to fail to be set up.

The first situation

Set Normal Schedule mode first, then add Cycle&Soak mode.

For example:

1. The picture below (left shows that the Bluetooth water timer will be watering for 10 minutes every Monday, Tuesday, and Saturday at 8:00 am in Normal Schedule mode. The ending time is at 8:10 am.
2. The picture below (middle) shows that the Bluetooth water timer will be watering for 5 minutes every 5 minutes in Cycle&Soak mode. The start time is every Monday, Tuesday, and Saturday at 8:05 am (At this time, the Normal Schedule mode has not ended) and ends at 8:30. The cycle duration period conflicts with the Normal Schedule period, which means the setting fails.
3. The picture below (right) shows that the Bluetooth water timer will be watering 10 minutes every 1 minute in Cycle&Soak mode. The Cycle&Soak duration mode will work after the Normal Schedule period, which means the setting is successful. The start time is every Monday, Tuesday, and Saturday at 8:11 am (At this time, the Normal Schedule mode has ended) and ends at 17:16.

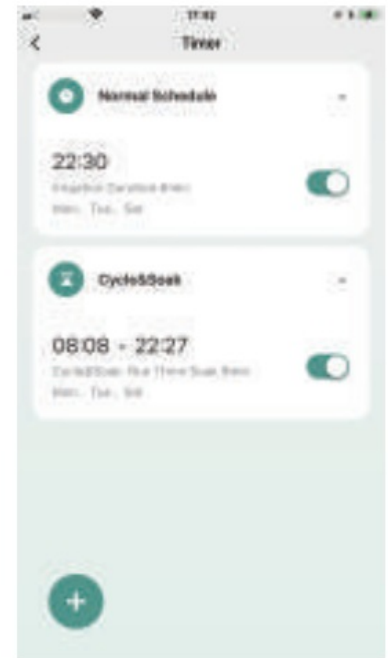
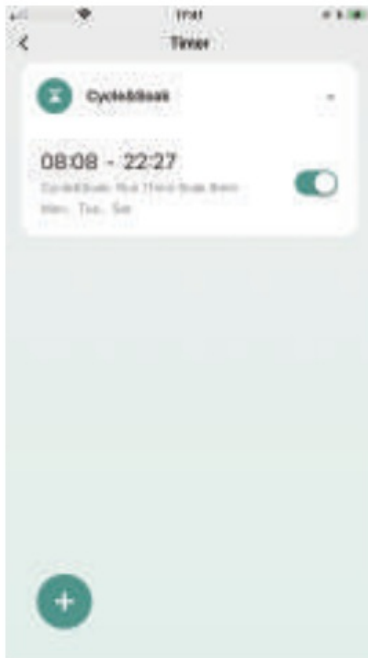


The second situation Set

Cycle&Soak mode first, then add Normal Schedule mode.

For example:

- The picture below (left) shows that the Bluetooth water timer will be watering for 11 minutes every 6 minutes every Monday, Tuesday, and Saturday from 8:08 am to 22:27 in Cycle&Soak mode.
- The picture below (middle) shows that the Bluetooth water timer will be watering for 10 minutes in Normal Schedule mode. The start time is every Monday, Tuesday, and Saturday at 8:10 am (At this time, the Cycle&Soak mode has not ended). The Normal Schedule period conflict with the cycle duration period, which means the setting fails.
- The picture below (right) shows that the Bluetooth water timer will be watering for 6 minutes every Monday, Tuesday, and Saturday at 22:30 in Normal Schedule mode. The Normal Schedule mode will work after the Cycle&Soak duration period, which means the setting is successful. (At this time, the Cycle&Soak mode has ended)




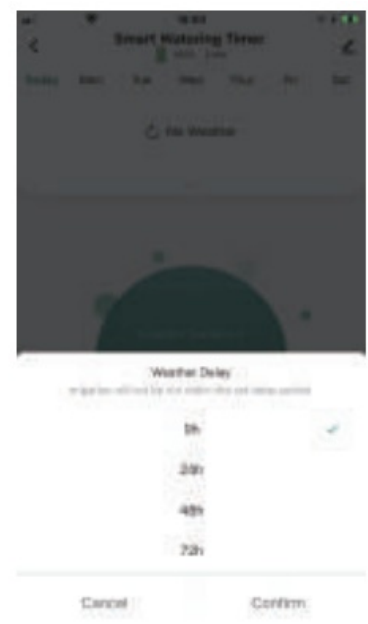
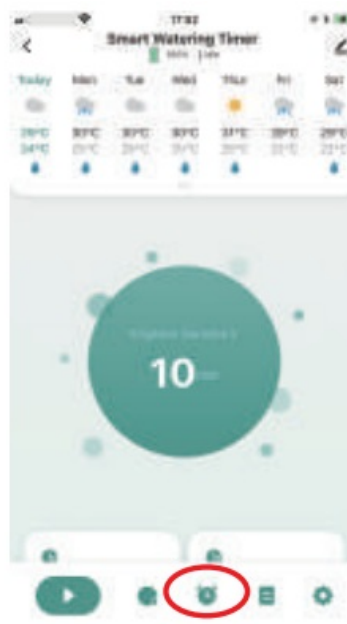
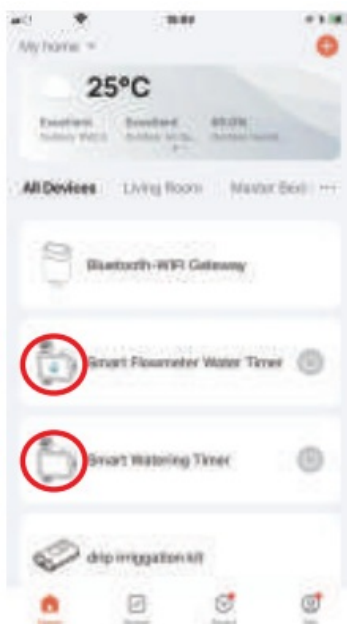
Other Settings

1. Manual Rain Delay

Rain delay applies to rainy days or other weather that causes high soil moisture.

During the rain delay, the timer stops watering. After the rain delay ends, the timer will execute the next watering plan according to the programs. 0/24/48/72 hours for choice. Open the Tuya App and tap the device icon on the "All Device" list. Go to the

"Home" screen > tap the  icon > Weather Delay/0/24/48/72h > Cancel/Confirm.



2. Watering Events

1. Statistics

The water time with flow meter built—in. Keep track of your total water consumption per week, per month and all year.

Use the easy to read statistics histogram to measure how much water is flowing out of the tap.

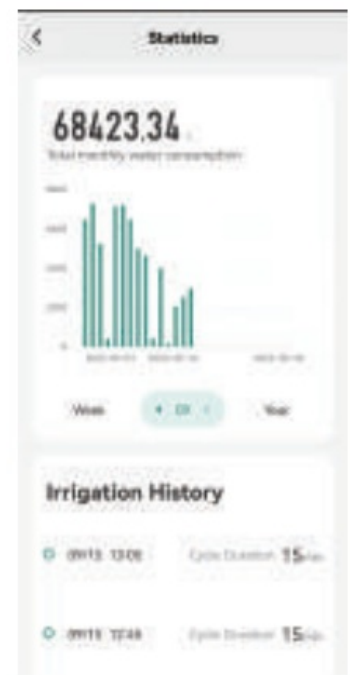
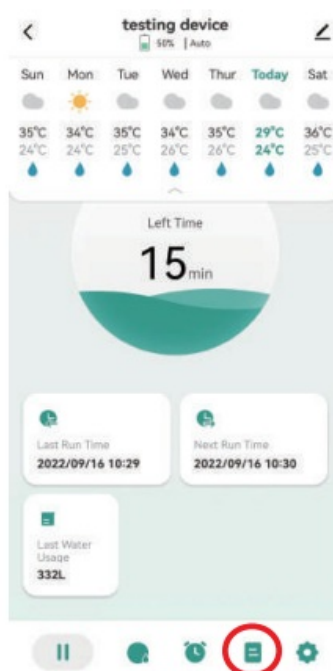
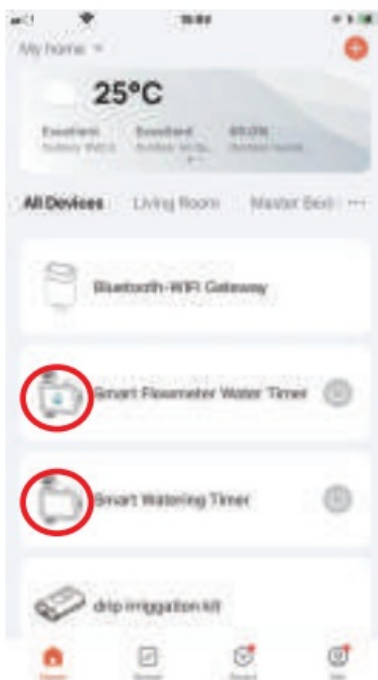
Open the Tuya App and tap the device icon  on the “All Device” list.

Go to “Home” screen > tap the

NOTE:


icon>Statistics

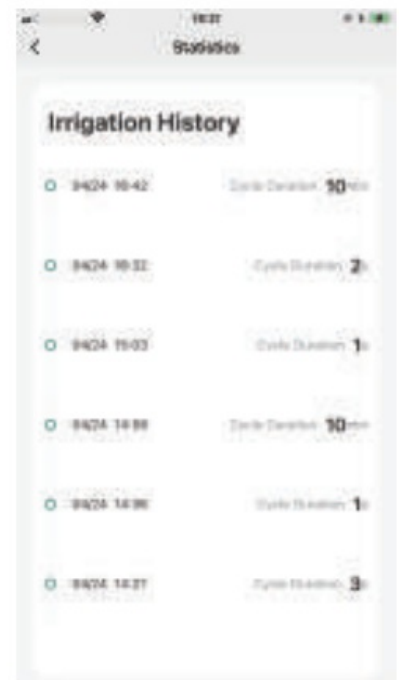
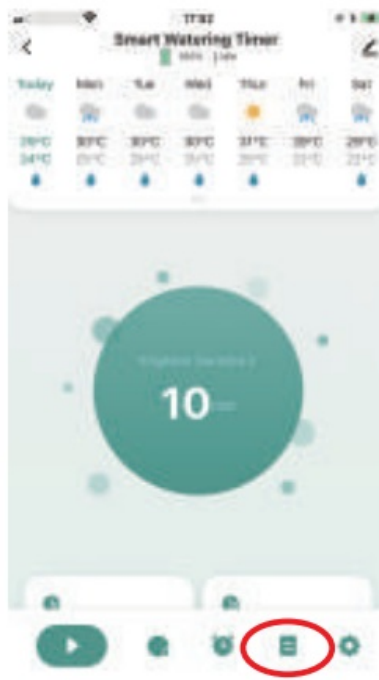
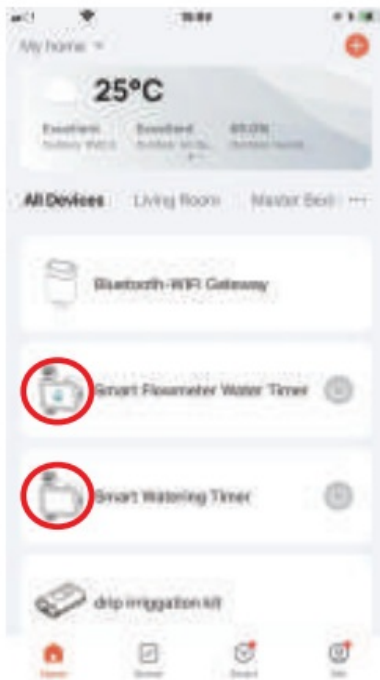
Only the model SWV—07 with water flow meter features




Irrigation History

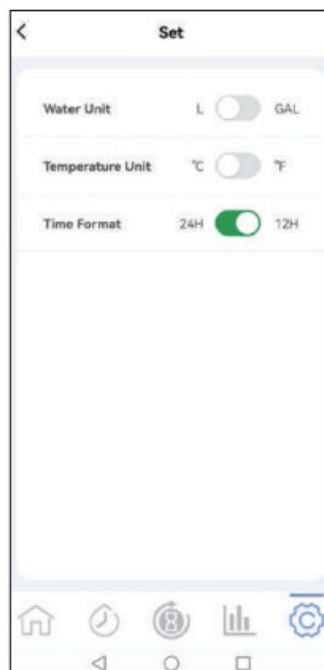
The Bluetooth water timer will record every irrigation plan. It's convenient for you to track the implementation of each program. Open the Tuya App and tap the device icon on the

“All Device” list. Go to “Home” screen > tap the  icon>Irrigation History List



Setting

Click the  icon at the bottom of the home page to enter and set the flow rate unit (L/GAL), temperature unit (°C/°F) and time system (24 hours/12 hours) as required.

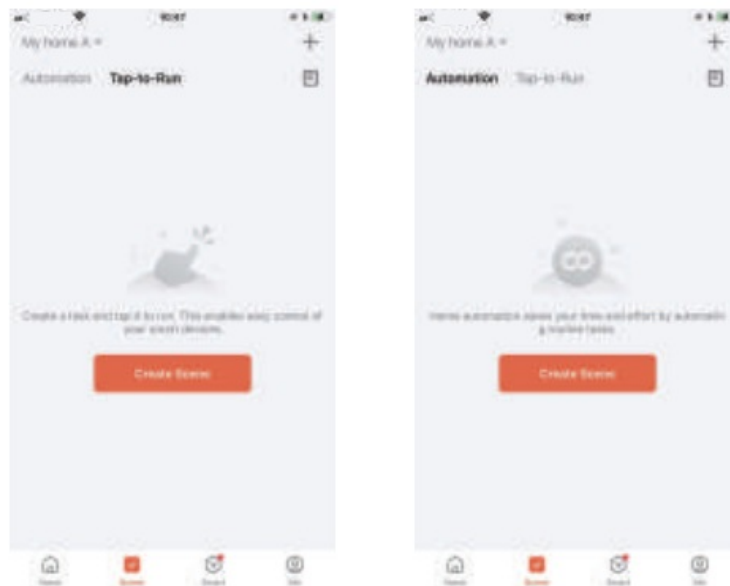


SMART AUTOMATION

Automation & Tap-to-Run

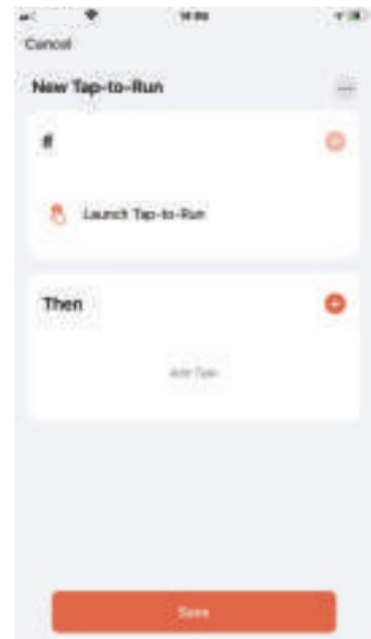
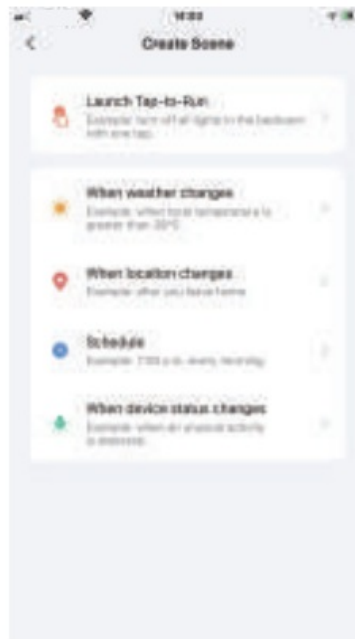
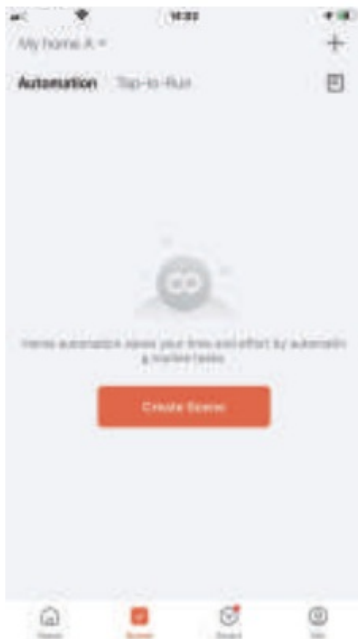
Tap"&" on Home screen > Automation or Tap-to-Run

1. Automation means the devices can execute automatically according to the set conditions such as local weather, device status and time. For example, Tuya (or Smart Life) App can obtain the weather forecast information of your home location. When you set the conditions for immediately stopping or delaying the watering plan when it rains, the timers will automatically perform actions that delay or off when it rains in your local area.
2. Tap-to-Run means you can control multiple devices and plans with one tap.



How to set up Automation or Tap-to-Run?

Tap the ☒ Tap "Create Scene" or "+" > Tap "Launch Tap-to-Run" > Tap "Add Task" or "+" > Save Please remember to save all the settings. The device will automatically execute according to what you set.



How to automatic TURN OFF timer on rainy?

Steps as the screenshots below

on the home screen > “Create Scene” or “+ “ > When weather changes

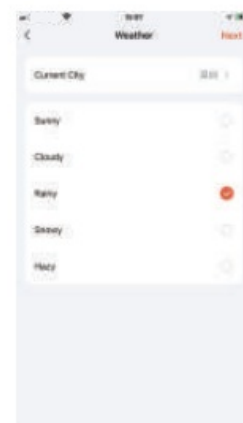
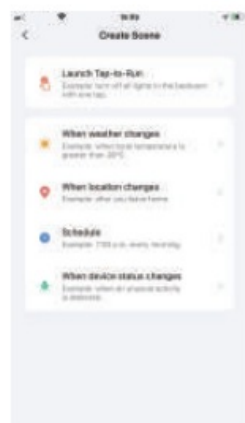
Tap the ☒ Weather > Rainy > Next > Add Task > Run the device > Tap water timer icon > Switch > Off > Save > Next > Select conditions > Save(Yes/No)

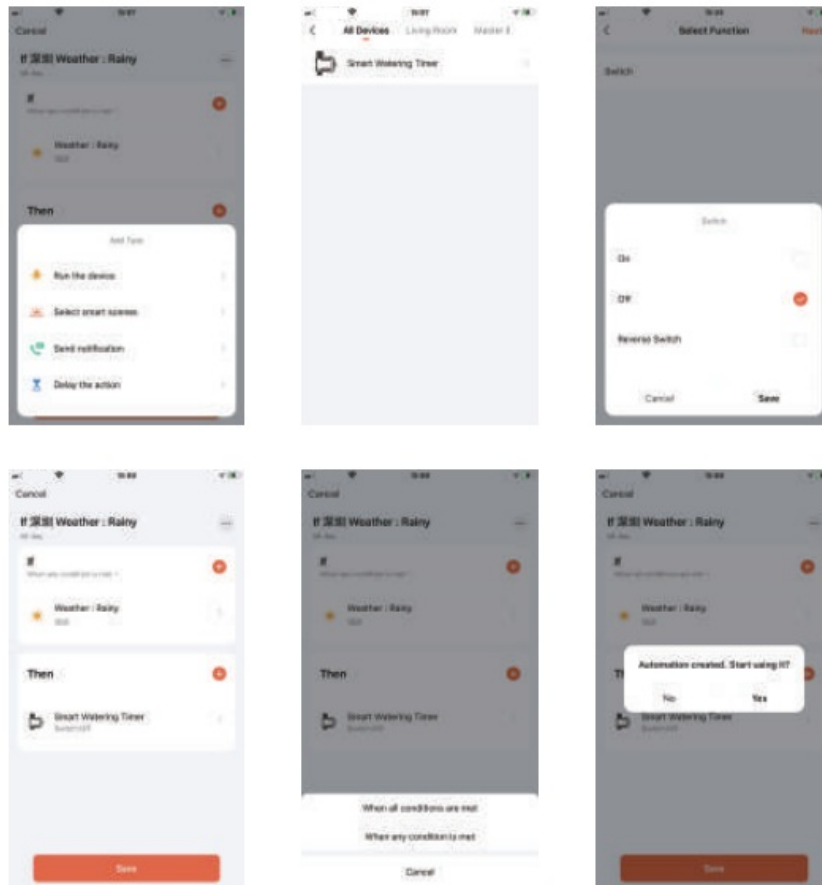
NOTE:

Please accurately locate the city where your home is The APP will automatically obtain weather forecast data based on the city you locate.

When it rains,programs will be triggered.

The example of the last picture shows that when it rains in Shenzhen,the valve of the WIFI water timer will be automatically turned off.






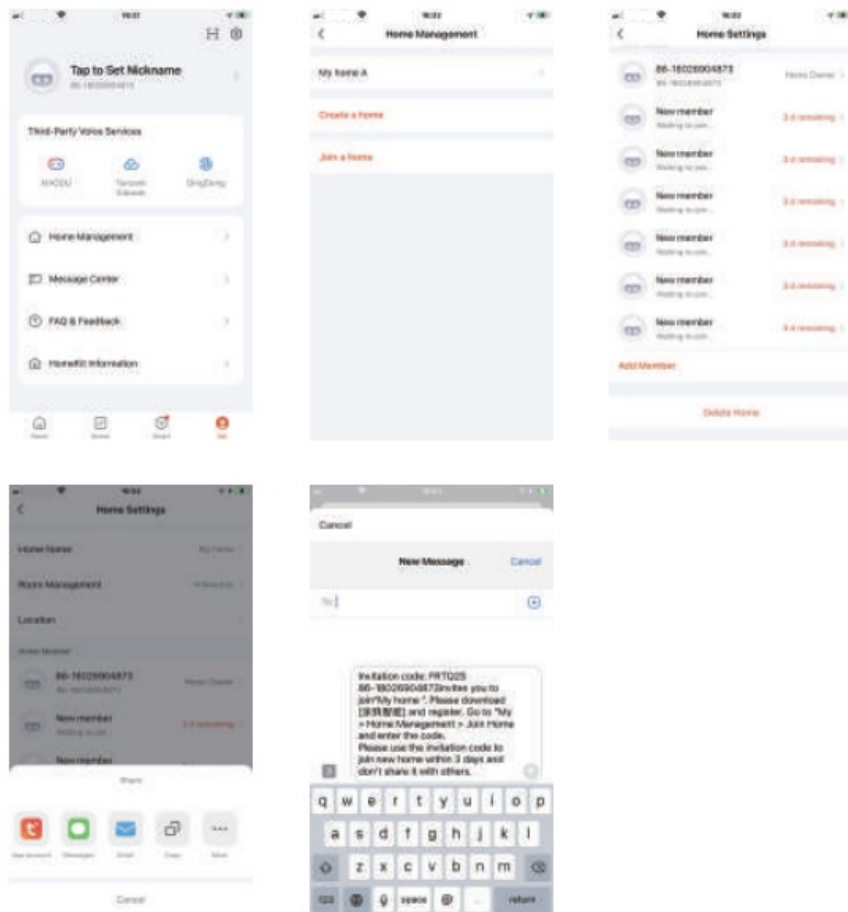
TIPS:

You could set up several tasks for one devices or multiples devices.

HOME MANAGEMENT

APP support adding family members and sharing your home device with them to co-management the home irrigation system together.

Tap “ Me” > Home Management > My home > Add Members



You could share your invitation code with your families or friends via social apps or messages.

And they could help you on taking care of your garden when unattended.

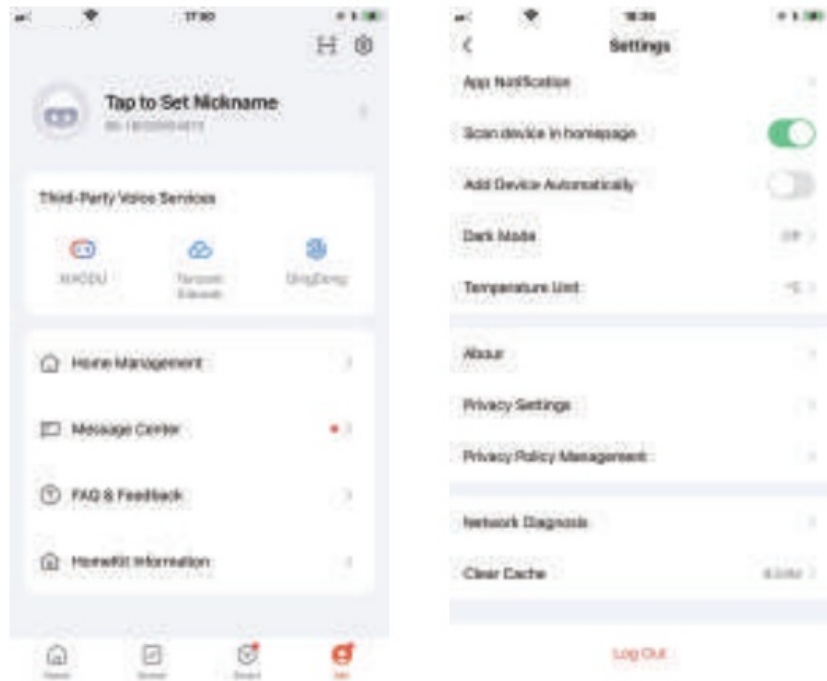
REST THE DEVICE

How to rest the water timer?

1. Remove all batteries from the timer battery compartment.
2. After 10 seconds, insert 2 fresh AA alkaline batteries.
3. Press and hold the ON/OFF button of the Bluetooth water timer for more than 5 seconds, LED light will blink, the water timer is now in pairing mode, and reconnect to your smart device. Open the Tuya Smart APP and add the watering timer again.
4. Press and hold the ON/OFF button of the Bluetooth water timer for more than 10 seconds after re—install batteries. The LED light type from blink to stay on for 3 seconds.

The device will be restored to the factory setting, and all data will be wiped out. Now try to add the water timer device via APP again.

CLEAR CACHE



Regularly clearing the cache helps the App run better.

Tap “Me” > tap “Settings” > tap “Clear Cache”

DEVICE LED LIGHT

Hose Faucet Timer LED Light

Light Color	Light Type	Duration	Description
Green	Blink	Every 0.3 sec. for 1 min.	In pairing mode, ready to connect to your smart device
Green	Blink	Every 0.3 sec. for 1 min.	Press and hold on to the ON/OFF button for 5 sec. Attempting to reconnect to your smart device
Green	Blink	Every 3 sec. for until watering done	Watering
Red	Blink	Every 6 sec.	Low Battery: Low battery indication at 2.6V and valve shutoff at 2.4V
Red	Blink	Every 3 sec.	Power outage warning

TROUBLESHOOTING

Possible Problem	Check If	Solution
Water timer didn't turn on/off at preset time	Programming is incorrect	Set up a correct watering schedule
	Water pressure is too low	Normal error values for water counts \pm 5%
	Impurities in water inlet	Regularly clean the filter port of impurities to avoid disruptions in use
	Rainfall delay parameters are set	Check that the rainfall delay parameter is set or not
	Non-irrigation time is set	Check if the Non-irrigation time parameter is set or not
	Manual watering is on	Turn off manual watering mode
	Low battery	Replace fresh batteries
	The faucet is off	Turn on the faucet
	Faulty valve	Contact seller for assistance.
Bluetooth keeps dropping the connection	Bluetooth in sleep mode	Please wait 5–10 seconds. The device will automatically reconnect. Or scroll down to refresh the APP home page, or disconnect the Bluetooth from your phone and turn it on again
	Water Timer connected to another mobile phone	Please disconnect first, then reconnect
	Low battery	Replace fresh batteries
	Long-distance from the water timer	Close to the irrigation timers when connected

BATTERY STATUS

Voltage	Battery Status	Description
$\geq 3.05V$	100%	Fully power
$3.0V \leq \text{Voltage} < 3.05V$	90%	Timer working normal
$2.9V \leq \text{Voltage} < 3.0V$	80%	Timer working normal
$2.8V \leq \text{Voltage} < 2.9V$	70%	Timer working normal
$2.7V \leq \text{Voltage} < 2.8V$	60%	Timer working normal
$2.6V \leq \text{Voltage} < 2.7V$	50%	Timer working normal
$2.5V \leq \text{Voltage} < 2.6V$	40%	Timer working normal
$2.4V \leq \text{Voltage} < 2.5V$	30%	Timer working normal
$2.35V \leq \text{Voltage} < 2.4V$	20%	Timer working normal
$2.3V \leq \text{Voltage} < 2.35V$	10%	Low power,replace all batteries
$\text{Voltage} < 2.3V$	0%	The valve will close automatically to avoid leakage.Replace all batteries

1. The low battery protection function prevents battery leakage.
2. The timer checks the battery voltage every 20 seconds.
3. When the battery voltage is $\geq 2.35V$, all operations return to normal.

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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Documents / Resources

	OralGarden SVR-07 Smart Hose Faucet Timer [pdf] Instruction Manual SVR007, 2A6UR-SVR007, 2A6URSVR007, SVR-07 Smart Hose Faucet Timer, SVR-07, Smart Hose Faucet Timer, Hose Faucet Timer, Faucet Timer, Timer
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References

- [User Manual](#)

OralGarden

2A6UR-SVR007, 2A6URSVR007, Faucet Timer, Hose Faucet Timer, OralGarden, smart hose faucet timer, SVR-07, SVR-07 Smart Hose Faucet Timer, SVR007, Timer

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