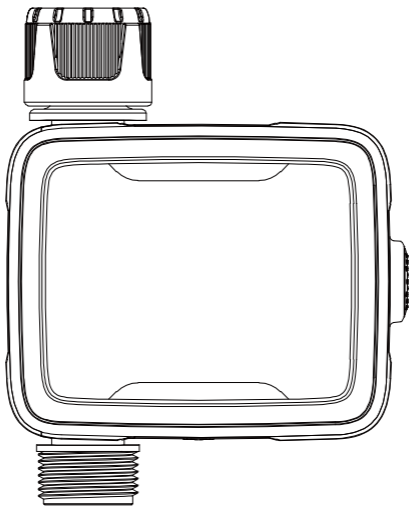


# BLUETOOTH SMART IRRIGATION TIMER

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## USER MANUAL

SWV002

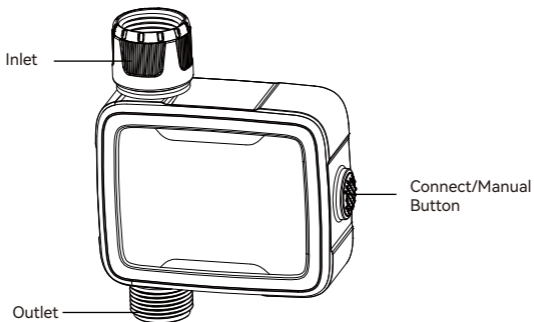


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# Product Overview

## 1.Product Appearance



## 2.Product Specifications

Working Pressure	0.5bar-8bar (7.25 psi-116 psi)
Flow Rate	5L/Min-35L/Min
Working Temperature	2°C-50°C
Waterproof	IP54
Inlet	NH(US) for 3/4" faucet/hose BSP (EU) for 1" or 3/4" faucet/hose
Outlet	For 3/4" standard garden hose
Battery Status	Voltage > 2.8V:100% 2.6V < Voltage < 2.8V:50% 2.4V < Voltage < 2.6V:10% (low battery) Voltage < 2.4V:0%
Bluetooth Type	BLE 4.2
Battery Life	≥12 months
Transmission Distance	≥60m

## Main Function

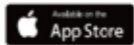
- Set and check irrigation schedule through smart phone APP, connecting with Bluetooth water timer or Bluetooth-WIFI hub.
- Manually ON/OFF the water timer.
- With 2 schedule types: Normal Schedule, and Cycle & Soak mode.
- Max 10 plans in each schedule type.
- Weather delay 24/48/72 hours.
- Irrigation history track to avoid operation error.
- Low power indicator.
- Set non-irrigation time according to local water restriction policy.
- Built-in filter of inlet.

## Installations

### 1.Download the Smart Life App

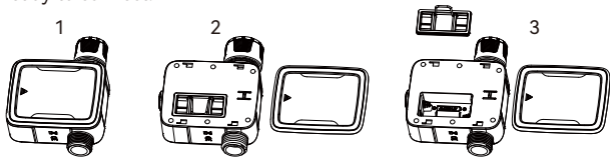
Scan the QR code and download the free Andriod or IOS app, then install the APP.

Follow the prompts to register account or log in with an existing account. If you have already installed the Smart Life APP, go to step 2.



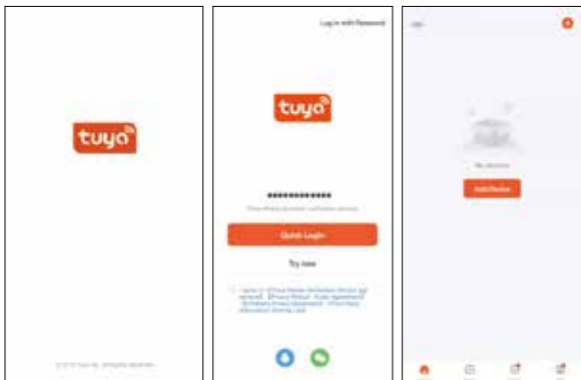
## 2.Power the Bluetooth Water Timer

Remove the back case pull out battery cover of Smart Watering Timer SWV-02 and load 2xAA batteries (not included). Press and hold the button until the green LED flashes rapidly, which means the devices is ready to connect.

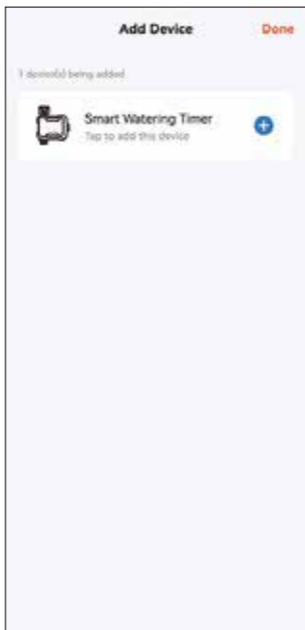


## 3.Add the Device

Launch APP, tap “+” button on the top right corner, or tap “Add Device” directly, the App will search for nearby device, tap “Add” when the devices are discovered. Then follow the instructions on the App page to complete pairing.



Press the “Add ” button on the right of the found device and tap “Done” button after connection finished.







### (3). Add the Water timer

Step ①. Once the connection is complete, the paired device will be listed on the home screen. Tap the " Bluetooth-Wi-Fi gateway " icon to enter the device details screen.

Step ②. Tap "Add existing " and select "Smart Watering Timer , " tap "". Confirm Timer added successfully and listed on the hub screen. Now you could program the watering schedule.

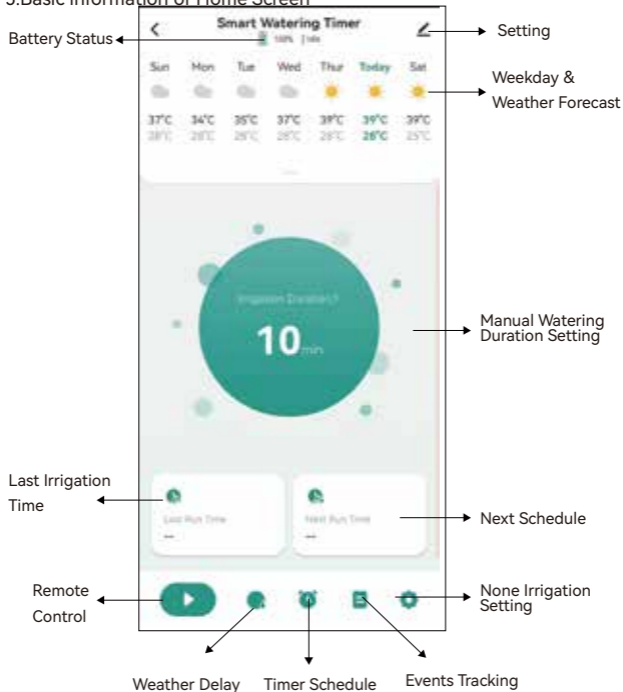


Once the connection is complete, the paired devices will be shown on the home page.

Click the Bluetooth Water Timer and get into main page of the device.



## 5. Basic information of Home Screen








Press the button on the top right  corner to enter device information page.


Click the Smart Watering Timer to enter the device details pages. This page displays the following information: date, battery status, device status, weather information, irrigation time, last run timer, next run time.

At the bottom, there is an operation panel with several options: Remote Control, Weather Delay, Timer Schedule, Events Tracking, None Irrigation Setting.



-  Remote control button for instant watering.
-  Weather delay for 24/48/72hours.
-  Schedule Setting with normal schedule and cycle & soak schedule for options.
-  Irrigation history for irrigation events track and avoid false operation.
-  To set no-irrigation time. Once this setting is done and enabled, the smart watering timer will skip the preset irrigation schedule.

## 6.Manual Operation

Manual mode: Click the “” to manually turn ON the water timer to start watering. The default time is 10 mins.

Click the “” to manually turn off water timer.

Tap the central circle to set manual watering time, from 1min to 24 hours.

## 7.Weather Delay

Tap the “Weather Delay” to enable the rain delay function. The weather delay can set with 24H,48H,72H and cancel.



## 8.Schedule and settings

Click and choose the schedule type you need and confirm the watering start time, duration, weekdays to water, and save all settings.

The soak & Cycle type have different setting options. It needs to set the start time, end time of irrigation, the cycle duration and soak

## Schedule Type

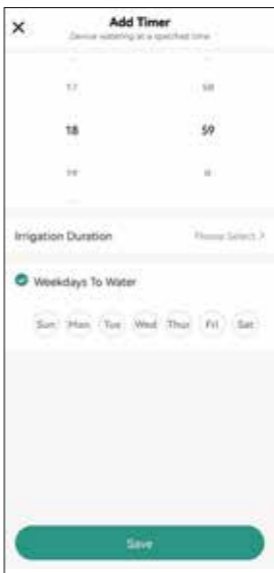
On the schedule page, after select button, there are two types for selection: Normal type and Cycle & Soak type.

Normal Schedule: means device watering at a particular period in a day.

a. Select Start Time: when you want the device to start watering.

b. Select Irrigation Duration: how long you want to irrigate.

c. Select Weekdays: which days you want to water.



**Cycle & Soak:** means the device will run the watering schedule repeatedly in this period.

- Select Start Time for the time you want the device to start watering and select End Time to stop watering.
- Select days of the week to decide which day or days you want watering.
- Cycle Duration: Determine how long to water.
- Soak Duration: Set the pause time.

**Add Cycle Timer**  
Cycle and Soak

	Start Time	End Time	
16	56	17	57
17	58	18	58
<b>18</b>	<b>59</b>	<b>19</b>	<b>59</b>
19	0	20	0
20	1	21	1
21	2	22	2

Sun Mon Tue Wed **Thur** Fri Sat

**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 Please Select >

Soak Duration Please Select >

**Save**

\*\*\*\*\*Tips\*\*\*\*\*

- a.The minimum period cannot be greater than the total time period.
- b.There will be time conflict notice when the time schedule overlap, causing plans fail of setting.
- c.When all plans are set up, they will be displayed on the timer list. There is shortcut button behind each group of plans to quick start or stop the plan directly.

## 9.Irrigation History

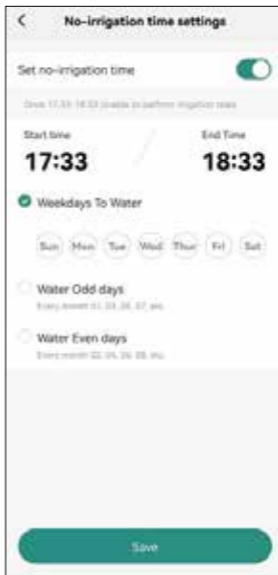
Every irrigation plan will be recorded. It's convenient for users to track the implementation of irrigation plans.



Statistics	
Irrigation History	
03/23 PM 05:21	Cycle Duration: 10 min
03/23 PM 05:08	Cycle Duration: 10 min
03/23 PM 04:58	Cycle Duration: 2 s
03/23 PM 04:58	Cycle Duration: 1 s
03/23 PM 04:56	Cycle Duration: 1 s

## 10. Non-irrigation time setting

Once this setting is done and enabled, the smart watering timer will skip the preset irrigation schedule.



## 11.Timer Reset & Restore

Press and hold the ON/OFF button of the Bluetooth water timer more than 5 seconds. LED light will fast blink in Green light, the water timer is now in pairing mode, and reconnect to your smart device. All preset settings are still saved.

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.

## Warranty & Warnings

- 1.Please make sure the smart phone is near the Bluetooth water timer when connecting or setting the watering plan. The best range for connection and operation is within 60 meters in the open area.
- 2.The watering timer will follow and perform the preset watering schedule after application set successfully, even if the phone is out of the best connecting range.

## **FCC Statement**

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.

**Caution:** Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

### **RF Exposure Information**

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition, compliance with exposure requirements.

This equipment should be installed and operated with minimum distance 0 mm between the radiator & your body.