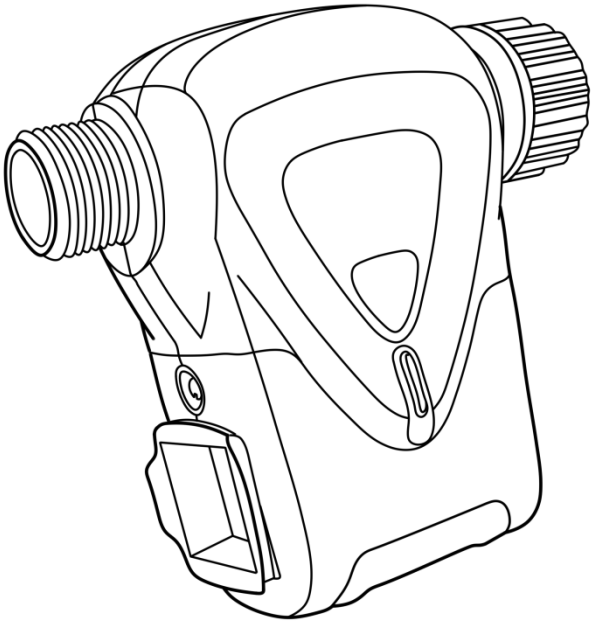
# Smart Sprinkler Timer



**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.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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

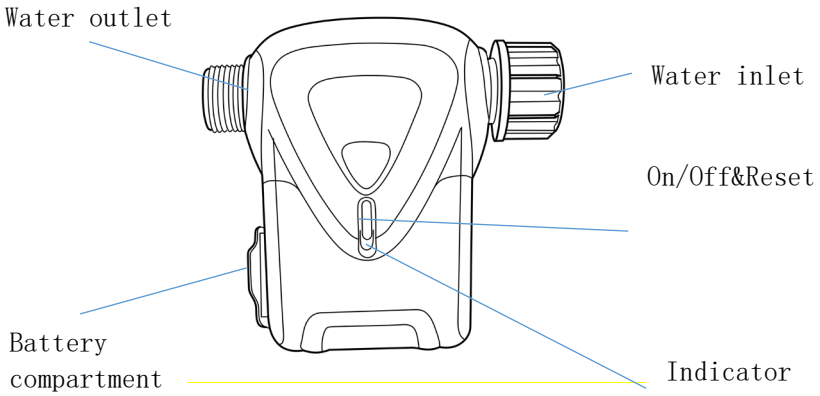
(2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

# Product Configuration and Installation

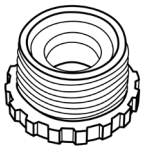
## 1. Product Configuration




## 2. Packaging accessories

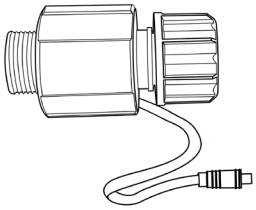
①Sprinkler Timer

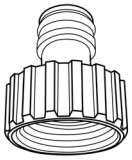
②Water inlet connector (3/4 inch to 1/2 inch)



③flow meter

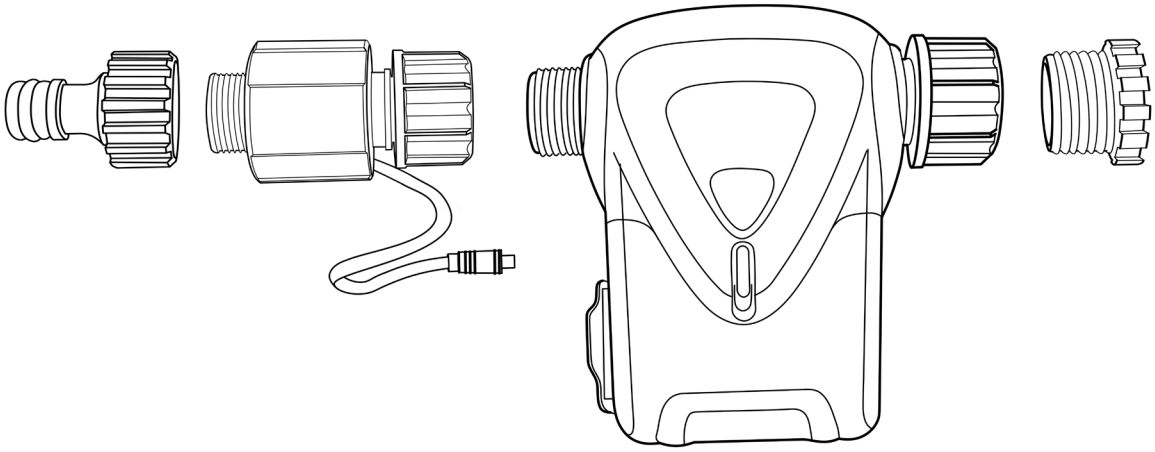
④Water outlet irrigation pipe connector





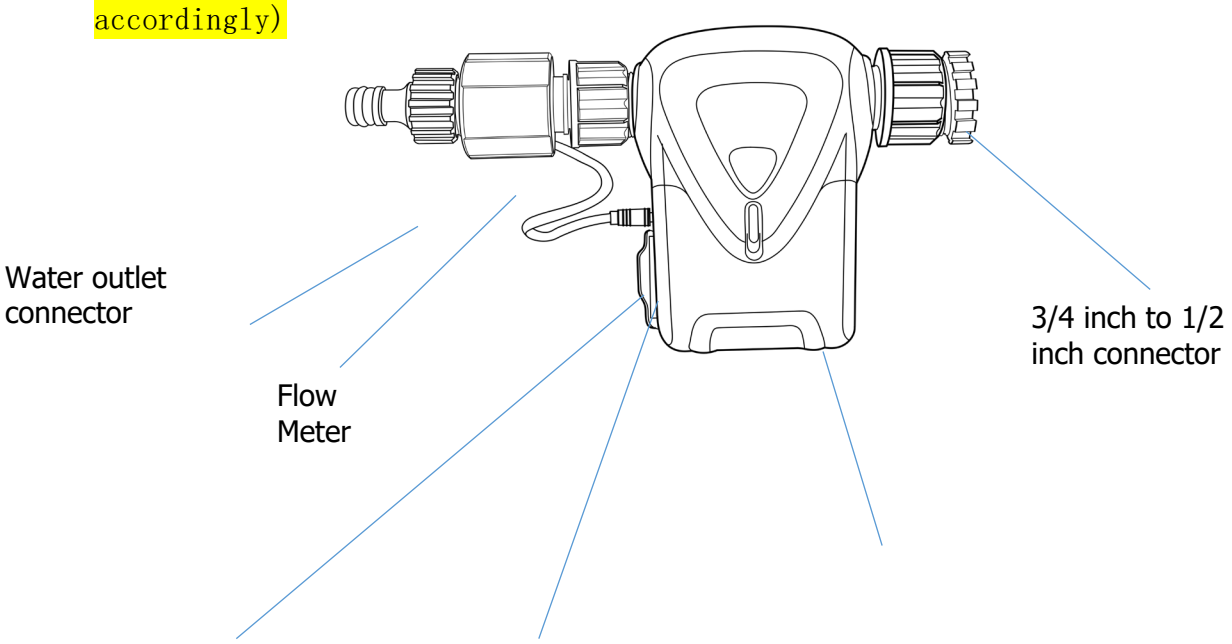
## 3. Installation diagram

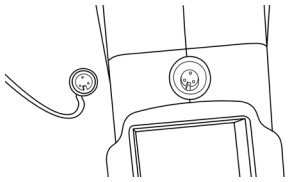
（1）Overall schematic diagram



（2）Installation Steps

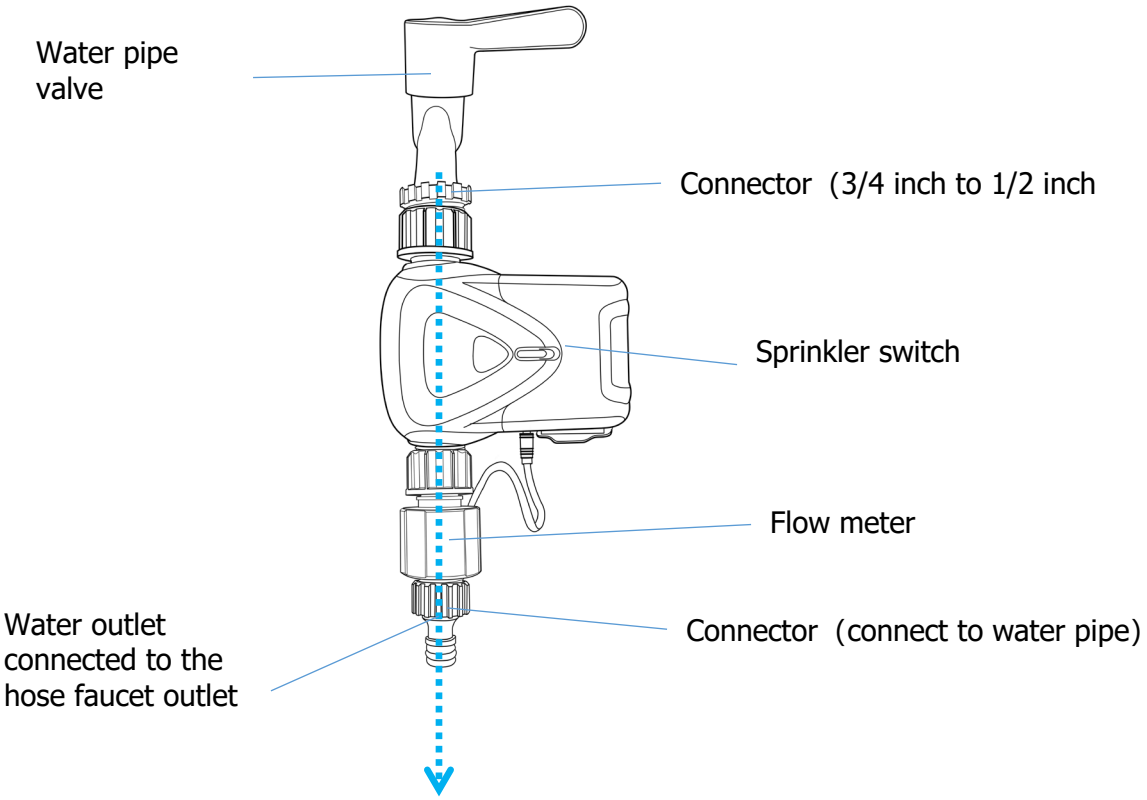
① Install the accessories and the Sprinkler Timer according to the following diagram (note that the flow meter and Sprinkler timer interface are installed accordingly)





Sprinkler switch

② Close the water pipe valve and connect the equipment connected in step ① to the water valve

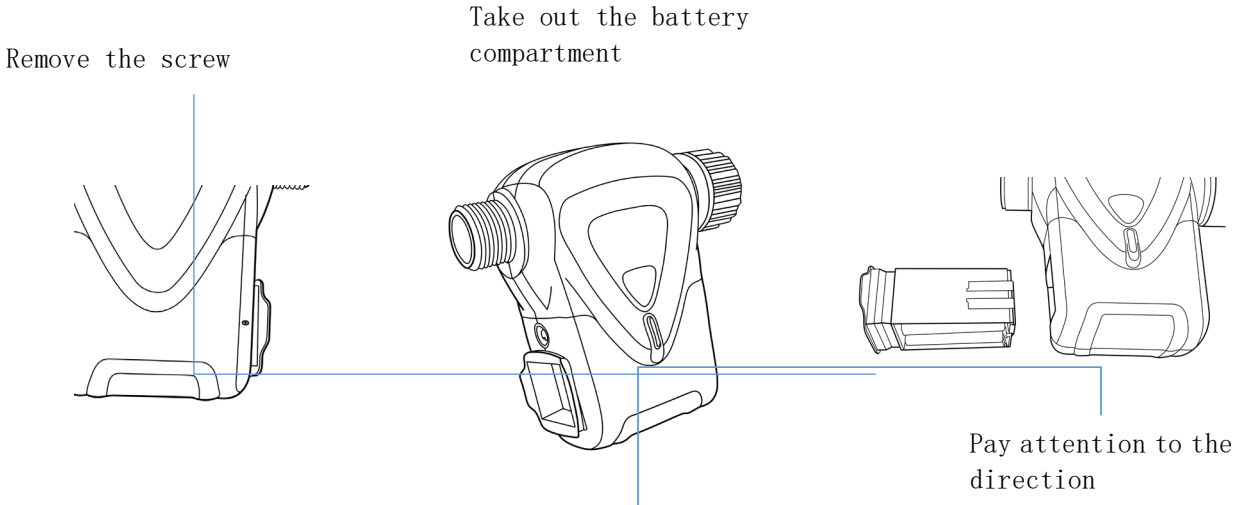



③ After installation, open the water pipe valve and pair the equipment distribution network to the APP according to the instructions to use it

## 4. battery replacement

Note: ① Insert4x AA standard alkaline batteries into the terminals. Observe + position.

②When inserting back into the battery compartment, pay attention to the direction of the shrapnel, and maintain the same orientation as the pouring switch button/indicator light




## 5. Installation cautions

(1) Pay attention to the direction of the water inlet/outlet during installation and do not reverse it

(2) Keep the product away from fire and heat sources. Do not expose products containing batteries to excessive heat (e.g., from storage in direct sunlight, fire, or the like).

(3) Do not place magnetic materials near the equipment

# Product specifications

## Sprinkler timer spec

Product Name: Smart Sprinkler Timer

Power supply: AA 1.5V * 4 replaceable

Water pipe size: 3/4 inch

Thread specification: NTP, BSP optional

Standby power consumption: 41uA

Communication protocol: Zigbee 3.0

Wireless protocol: Zigbee IEEE 802.15.4

Wireless distance: 45M

Waterproof grade: IP66

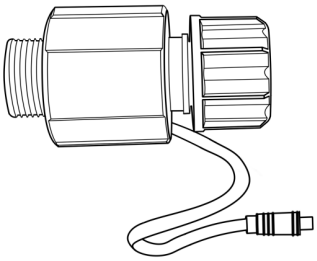
Working water pressure: 0.03MPa~0.9MPa

Working temperature: 1-60 ℃ (34-140 ℉)

Working humidity: 1%~95% RH (non condensing)

Size: 137mm X 126mm X 54mm

**Flow meter spec**



M6 waterproof joint

Working current: 10uA

Flow rate range: 2-35L/min

Thread specification: G3/4

Working temperature: 1-60 ℃ (34-140 ℉)

Size: 81mm X 46mm X 46mm

## Indicator and corresponding status

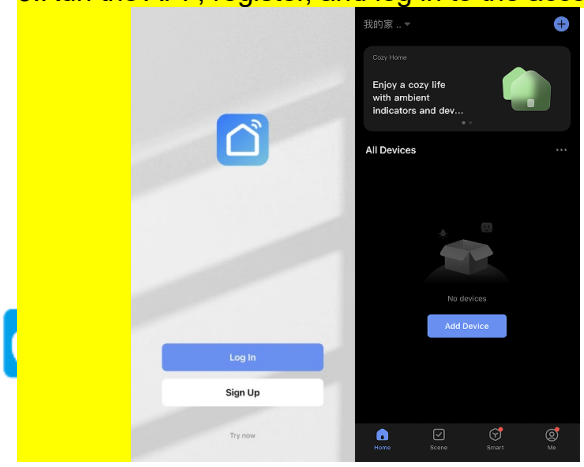
| Device status | Indicator status |
| --- | --- |
| To be pairing | The indicator flashes twice per second |
| Resting | Long press and hold the reset button for 7 seconds |

# Download APP

1.Android System: Download the "Smart Life"

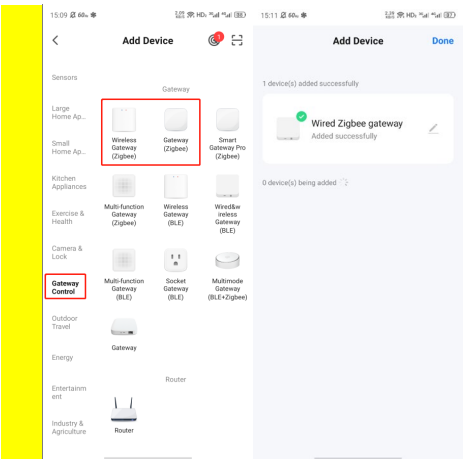
APP at GooglePlay;

2.IOS system: Download the "Smart Life"
APP from the AppStore;
3.Run the APP, register, and log in to the account

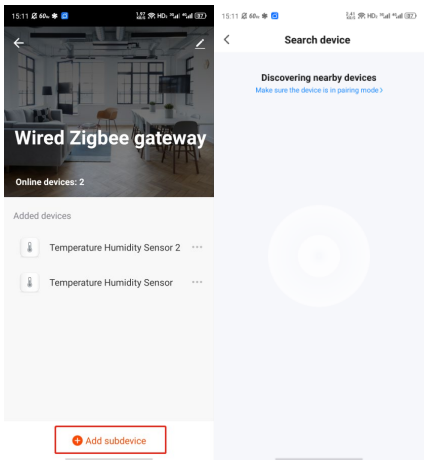



# Add devices

Add Tuya Zigbee gateway firstly, please follow the gateway instructions (distinguish wired gateway and wireless gateway).

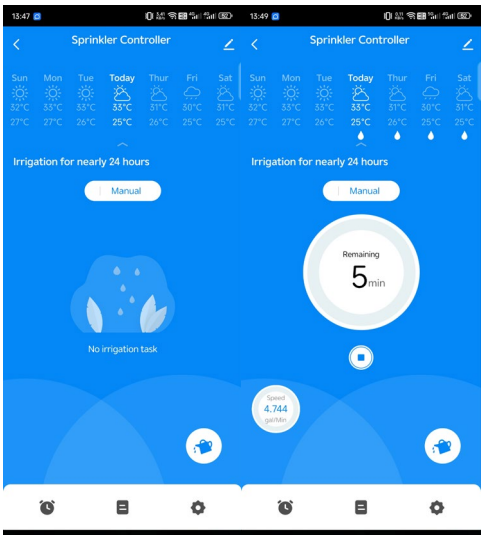


Add equipment;Before adding a device, ensure that the device is in the pairing state(flashing indicator). If the device is not in the pairing state, press the reset button for 7 seconds

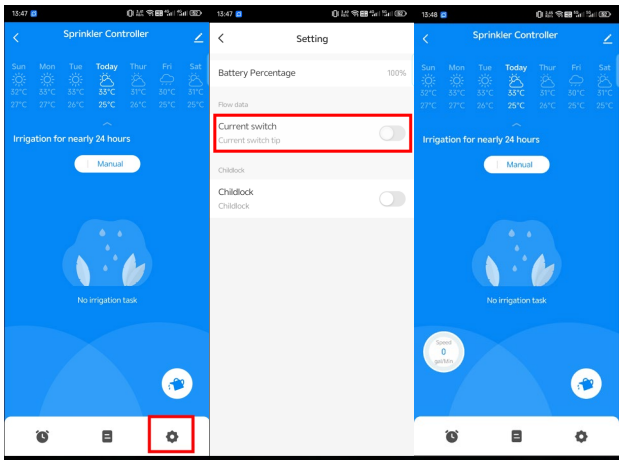



## Main functions, Device Settings

Main interface

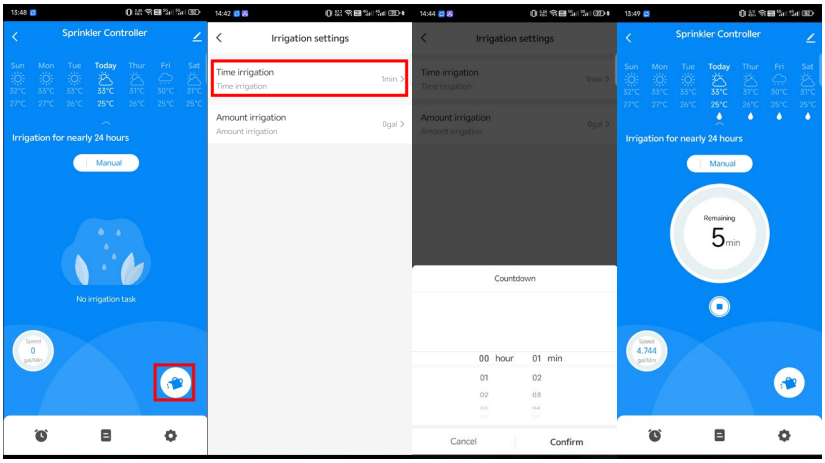



Turn on the flow meter function (please confirm that the flow meter is connected before setting)

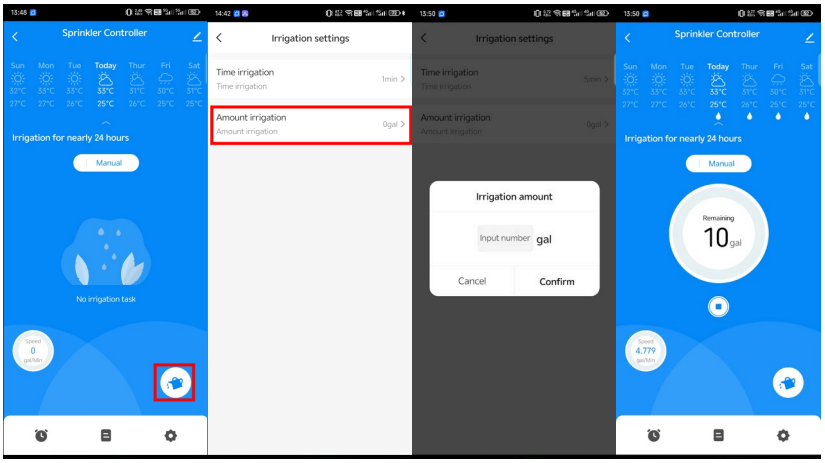



1. Watering Switch

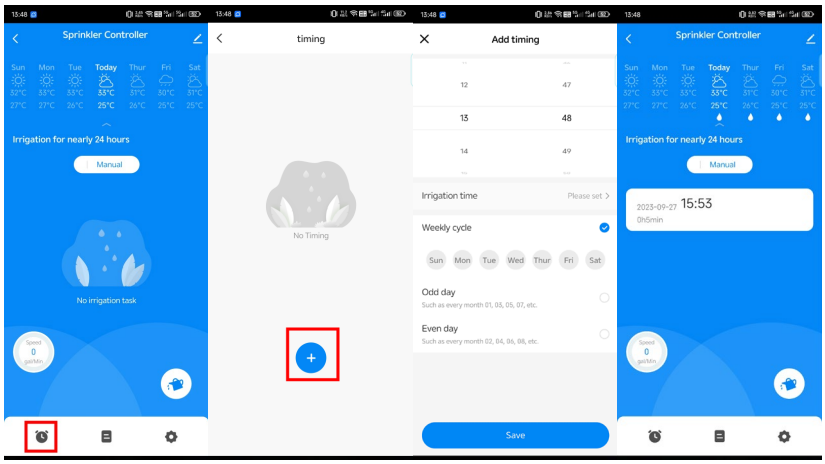
(1) Countdown Watering (Maximum duration 4 hours)



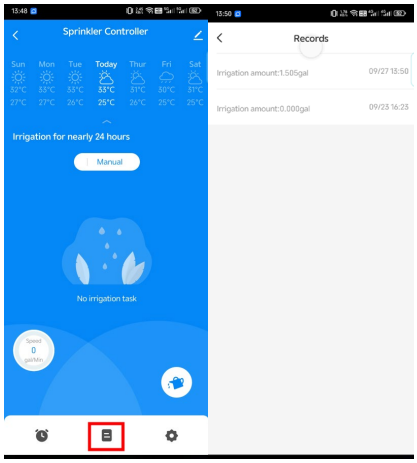

(2) Quantitative watering (this function is not displayed when the flow meter setting is not turned on)




2. Timing watering

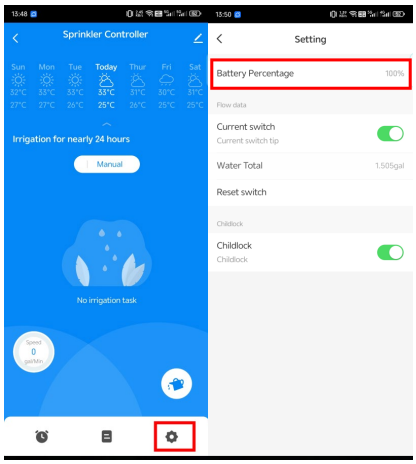



## 3. Watering records

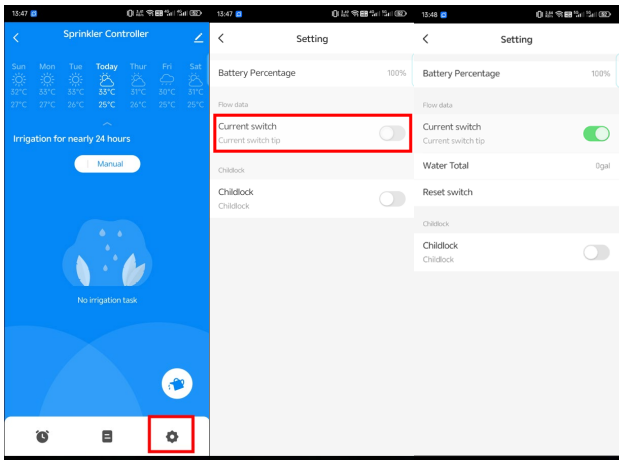



## 4. Function Setting

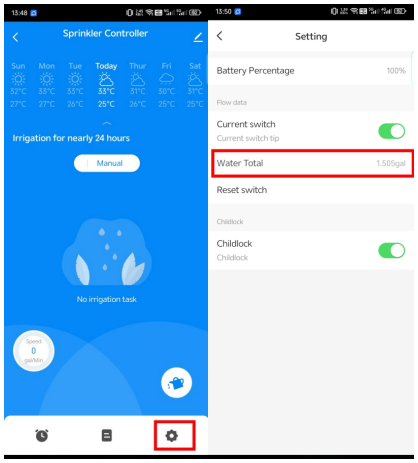
### (1) Battery level



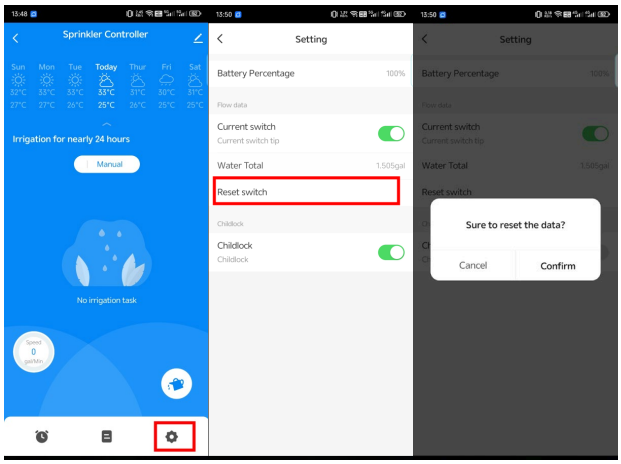

### (2) Flowmeter switch



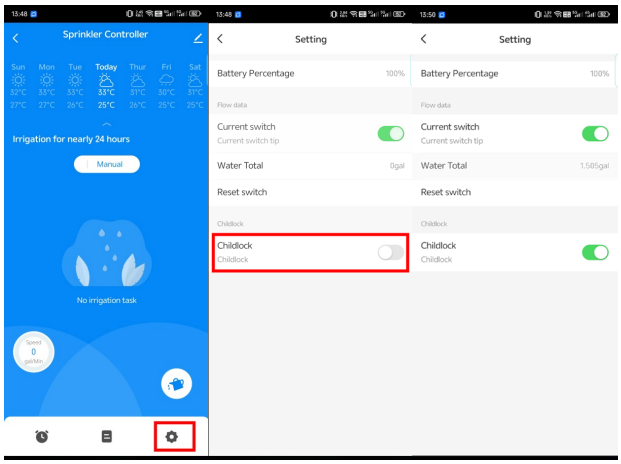

(3) Total water consumption (the flow meter function needs to be turned on first)




(4) Clear the total flow rate (the flow meter function needs to be turned on first)



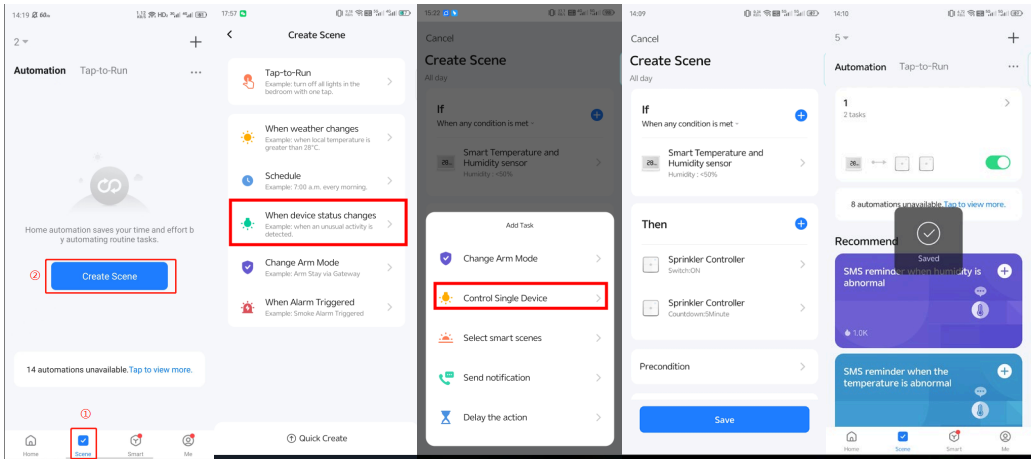

(5) Child lock (local button switch is not supported after opening the child lock)




# Other functions

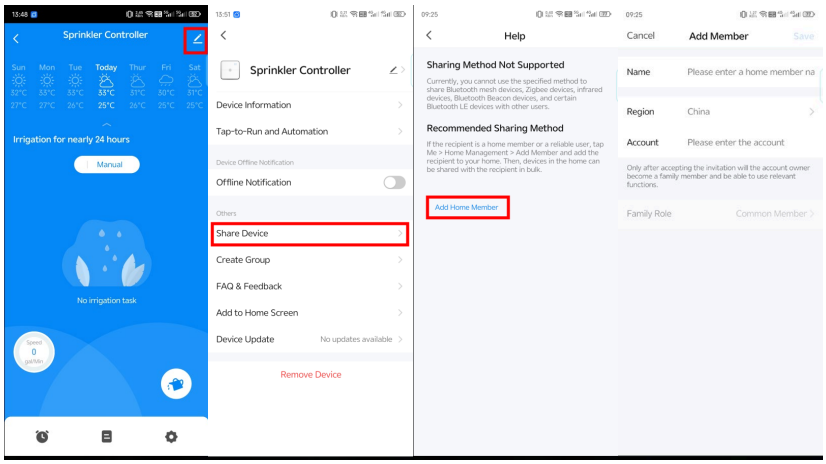
1. Scenario linkage (example: when the temperature and humidity are detected to be below 50%, the linkage opens the watering, and the countdown watering is 5 minutes

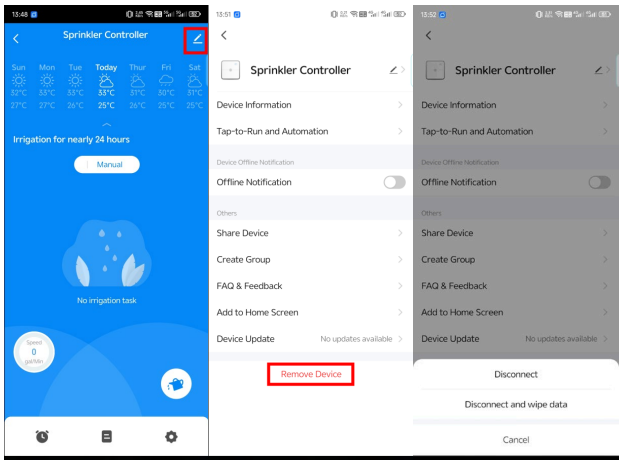
Note: The device supports LAN linkage; Two or more devices under the same gateway are set up for linkage. When the gateway is disconnected, the linkage will continue to execute




2. Sharing device

Zigbee device only supports homegroup sharing




## 3. Clear Record

By deleting devices through the app and adding them again, you can clear device records and restore default settings