Wi-Fi Smart Drip Irrigation

INSTRUCTION

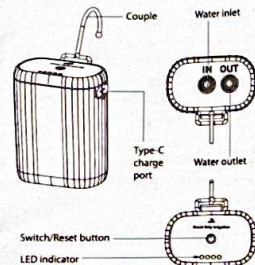Thanks for
Choosing our WiFi Smart Home Sensors

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Specifications

Power supply: DC 5V/2A, Type-C USB

Built-in battery: 18650 rechargeable battery

Standby current: 135uA

Wireless standard: IEEE 802.11b/g/n

Wireless frequency: 2.4GHz

Wireless distance: 45M

Bluetooth version: Bluetooth 5.0

Waterproof grade: IP66

Operating temperature: 0 ℃ ~ 60 ℃ (14 °F ~ 140 °F)

Operating humidity: 1% ~ 95%RH (non-condensing)

Size: 71mm(L) X 48mm(W) X 90mm(H)

Product Configuration

1.Structure Description

- Couple
- Water inlet
- IN OUT
- Type-C charge port
- Water outlet
- Switch/Reset button
- LED indicator

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2. Packing details

① Smart Drip Irrigation x 1

② Three-way connector x 1

③ Filter head with mesh x 1

④ 4*7 Transparent small hose (2m) x 1

⑤ 6*8 Transparent large hose (5m) x 1

⑥ Adjustable drip emitter x 1

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⑦ End cap x 1

⑧ User Manual x 1

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LED Status

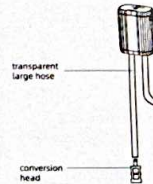### Indicator and corresponding device status

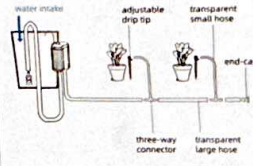| Device Status	LED State
Waiting to be matched	The red indicator light flashes once a second
Reset	Long press the reset button for 6 seconds, long press when the indicator light is always on, light off reset successful
Charging Status	Red indicator light flashes sequentially
Fully charged status	Red indicator light is always on

Installation

1. Installation steps

(1) Connect the transparent hose to the water inlet and outlet of the host, and connect the filter head to the water inlet of the equipment.

- transparent large hose
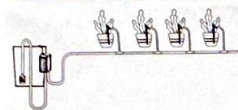- conversion head

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(2) Step (1) connected to the equipment hung in the water source near the source, and according to the following chart will be the rest of the accessories and the host to complete the installation.

- water inlet
- adjustable drip tip
- transparent small hose
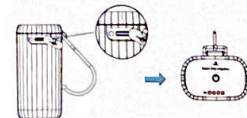- end-cap
- three-way connector
- transparent large hose

(3) Installation is completed as shown below, and then according to the instructions of the equipment network to add APP can be used!

Note: Before the network, long press the reset button until the indicator light is always on for 5 seconds to start the machine.

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2. Charging instructions

Use Type-C USB interface for charging, the power supply is recommended to be 5V 2A, when charging, the indicator light is red and flashing sequentially, when the indicator light is always on, it means that charging is complete.

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3. Installation Precautions

(1) When installing, note that the water outlet is higher than the water inlet.

(2) Pay attention to the direction of water inlet/outlet during installation and connect the filter head to the water inlet;

(3) In order to ensure the best drip irrigation effect, it is recommended that the maximum length of the water pipe does not exceed 15 meters and the number of connected sprinkler heads does not exceed 10, beyond which the water flow and water pressure may be affected;

(4) Avoid excessive bending or twisting of pipes when installing water pipes, make sure the pipes are connected tightly, and all the connections of pipes and sprinkler heads should be ensured to be sealed tightly to avoid water leakage and poor water flow;

(5) Installation should avoid vibration and shaking environment and application.

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Get Started

Download APP

Download the "Smart life" app from APP Store or Google Play to your mobile.

Register and Login

1. Run "Smart life"application from your smartphone.
2. Register and login

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Add Device

By default, the device is in WiFi pairing mode (indicator light blinks); If indicator lights are not on, please press the reset button and keep 6 seconds then configure device to app.

1. Bluetooth pairing(suggested)

(1) Bluetooth network (Add Manually)

Active Bluetooth in Mobile phone to add the device through Bluetooth mode (the standby mode can be added with Bluetooth)

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(2) Bluetooth Pairing(Add Automatically)

After activating Bluetooth, enter the APP interface, the device will be automatically searched by Bluetooth, and then click "Add"

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2. Select the right device type to configure

Note: All Wi-Fi products can be added with any Wi-Fi option, and the device only supports 2.4GHz Wi-Fi signals.

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(1) Smart Wi-Fi pairing

Press the reset button until the device flashes slowly (pairing mode) and add (follow the APP tips)

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(2) AP compatible mode pairing

Press the reset key until the device flashes slowly (pairing mode) and add (follow the APP tips)

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Functions and Settings

Main functions, working status and record Settings

APP main interface

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Main functions

1. Watering on/off Switch

(1) Immediate watering

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(2) Countdown watering
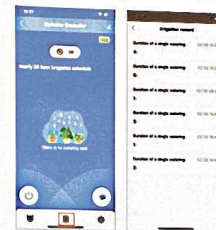max. 600s

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2. Timed watering

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3. Watering records
(1) Equipment record

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(2) APP record
Enter the message center, you can check the history alarm record of the added equipment.
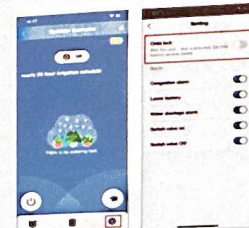

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4. Function Setting
(1) Electricity display

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(2) Child lock
Local key switch is not supported after opening child lock

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5. Water shortage alarm
when the water storage device has insufficient water, it will set off a water shortage alarm

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Other Function

1. Scene linkage
Example:

when the temperature and humidity detects that the humidity is lower than 50%, linkage opens watering, countdown 5 minutes)
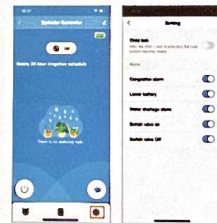
Note:

the device supports LAN linkage; two or more devices under the same gateway set up linkage, when the gateway is disconnected from the network, the linkage will continue to be executed.

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2. Other settings
blocking alarm, low battery alarm, water shortage alarm, open valve, close valve

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3. Shared devices

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4. Clear records
Delete the device through APP, add the device again, you can clear all the records of the device and restore the default settings.

Due to the app update, the above interface is for reference only

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FAQ

1. How to deal with the device showing "water shortage alarm"?
A: When the APP interface prompts "water shortage alarm", please check whether there is enough water in the water storage device, add enough water, and then turn on watering again, the alarm will be lifted automatically.

2. What should I do when I see "Clogging Alarm" in APP message center?
A: Please check whether there is any visible foreign matter or scale accumulation at the water outlet of the equipment. If you find any blockage, please wipe it gently along the direction of water outlet; after cleaning up, carry out watering function through APP and observe whether the water flow is restored.

**3. What is the reason that the water dripping is too slow or no water comes out when the device is

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working?**
A: Reason 1: Check whether the drip head is clogged, try to flush with water or unclog it with a fine needle.
   Reason 2: Check whether the hose is bent or not

4. Can the length of the hose be cut? What is the maximum length of the hose?
A: The hose can be cut to suit the location of potted plants, but the maximum recommended length of drip irrigation is 15 meters, and no more than 10 connected sprinkler heads, too long may lead to insufficient water pressure to affect the watering efficiency.

5. How to install the drip irrigation head correctly? Does it need to be aimed at plant roots?
A: It is recommended to insert the drip head into the soil of potted plants about 5-10cm away from the plant roots to avoid direct contact with the roots leading to water accumulation. Make sure the drip irrigation head is tightly connected to the water pipe when installing.

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