

WiFi Bluetooth dual control controller

Operation instruction

Software download

- 1、Scan the QR code download of "Smart Life" app below
- 2、Enter the application mall to search for "Smart Life" to download and install, and then the device distribution network



Smartlife APP

1 Product introduction

WiFi & BLE dual control controller is an intelligent irrigation device in the smart life app. It adopts 2.4G WiFi and Bluetooth module to establish communication between the device and the router through the app. Because everyone has a mobile phone, there must be Bluetooth if there is a mobile phone, so the essence of WiFi Bluetooth dual control controller is a mobile phone intelligent controller with automatic installation and simple operation.

Device parameters

Name: WiFi Bluetooth dual control controller
Model: FJKW001J-B
Power supply: DC5V
Working water pressure: 1.5 ~ 8kg
Rated power: < 1W
Static current: 30mA
Working humidity: 0~60 degrees
Output control mode: pulse output
Waterproof grade: IP68
Scope of use: router WiFi / mobile phone Bluetooth coverage
Communication mode: WiFi: 2.4ghz/802.11 B / g / N Bluetooth: 4.2 / 5.0

Interface accessories

- 1/ 2female thread interface connects 1/2 female thread faucet (washing machine faucet)
- 3/4 female thread interface is connected with 3/4 female thread faucet
- Nipple interface is matched with different pipes. Quick connection can connect 9 / 12mm pipe, 4 / 7mm pipe, garden pipe, 16PE pipe and 4 / 6PE pipe

Indicator description

- Indicator light flash – WiFi Bluetooth dual control controller looks for WiFi signal
- The indicator light is on for a long time – the WiFi Bluetooth dual control controller is disconnected

Function introduction

First, after downloading the app account and logging in, the controller is plugged in and the signal light enters the flash state. At this time, the configuration operation is carried out in the app (there must be WiFi signal and turn on the mobile phone Bluetooth for operation). After the configuration is completed, the signal light is off (indicating that the controller has successfully connected to WiFi). Click the equipment in the app to enter the operation interface and control the equipment.

WiFi Bluetooth dual control controller



Power selection



Standard 5V USB cable

2 Hardware installation precautions

Select the appropriate installation position

In order to better accept the wireless signal of the router, the following matters need to be paid attention to when selecting the installation position:

- try to make there is no barrier between the router and the device, and the device is closer to the router to obtain a strong signal
- Ensure that the equipment and router are far away from electrical appliances with strong magnetic field or strong electric field, such as microwave oven
- In order to connect more easily, be sure to match the connected equipment before installing the equipment.

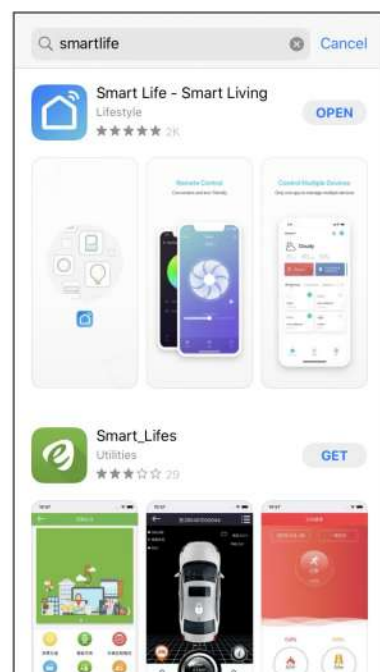
Schematic diagram of WiFi Bluetooth dual control controller



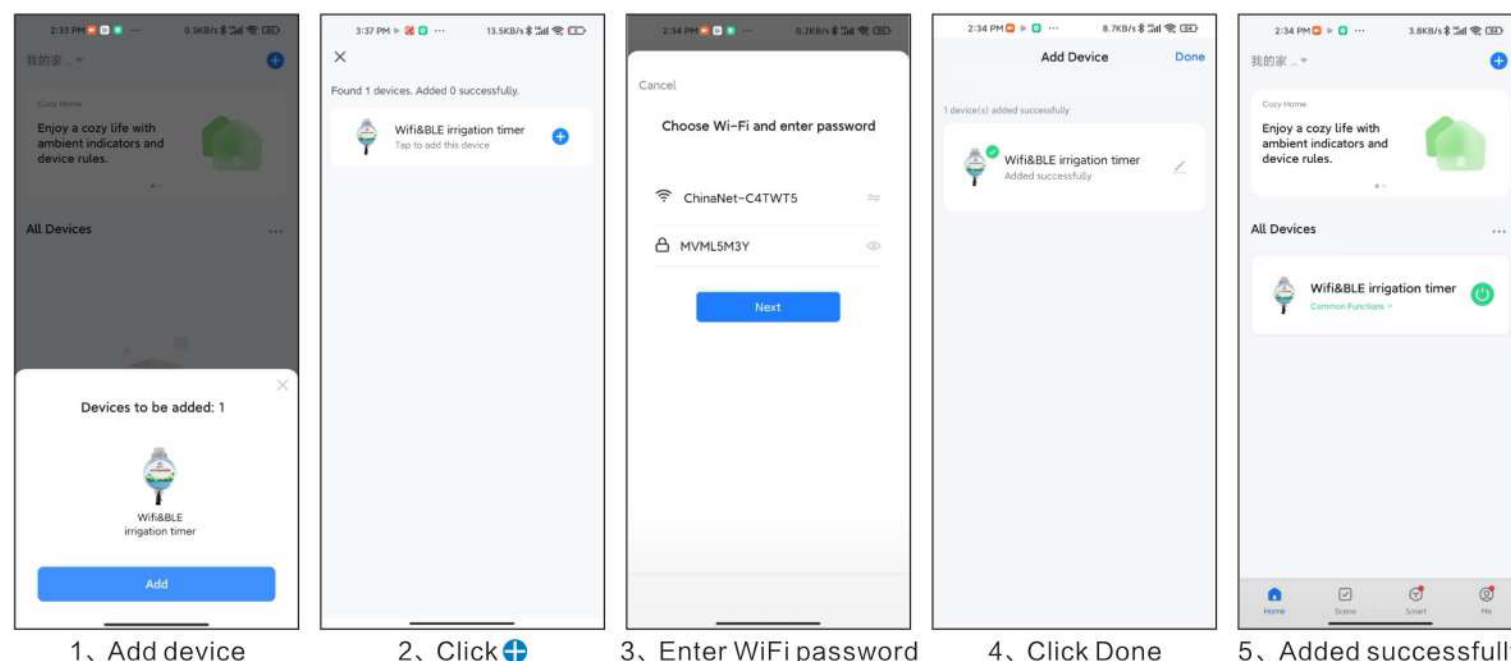
Tip: This device does not work under low temperature conditions, which may cause structural damage. When the temperature is lower than 1 °C, please disassemble and put it back indoors. If the equipment is damaged due to this problem, there is no warranty.

3 Download "smartlife" app software

Go to APP store, search "Smartlife" download directly and install the application software.



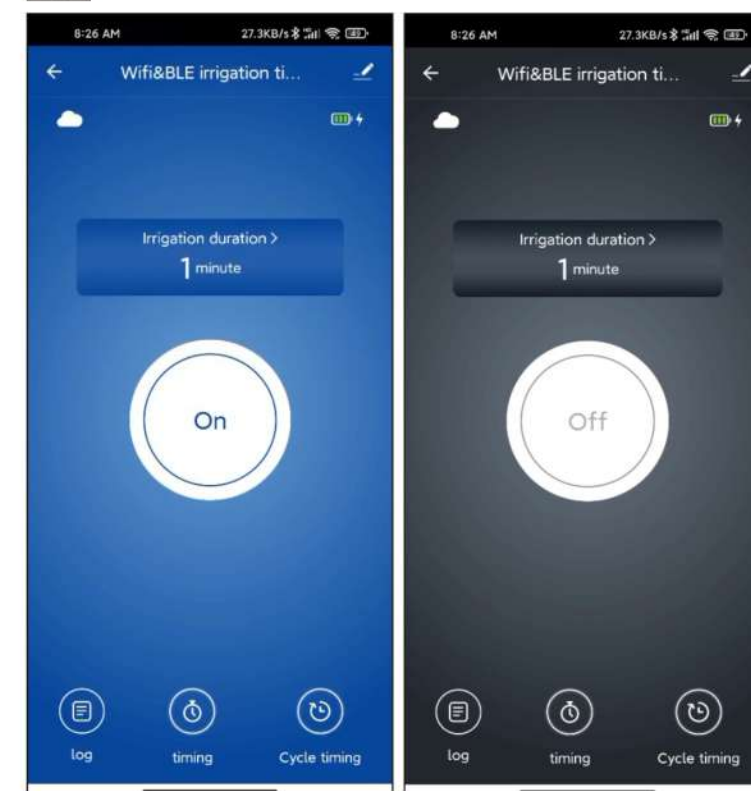
4 Add WiFi Bluetooth dual control controller (turn on mobile Bluetooth and mobile Wifi)



Note: when operating the second step, enter the WiFi password and click the next step. The flash state of the controller indicator changes to off state, indicating that the controller equipment is successfully connected to WiFi

- Indicator light flash – WiFi Bluetooth dual control controller looks for WiFi signal
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5 Device operation interface



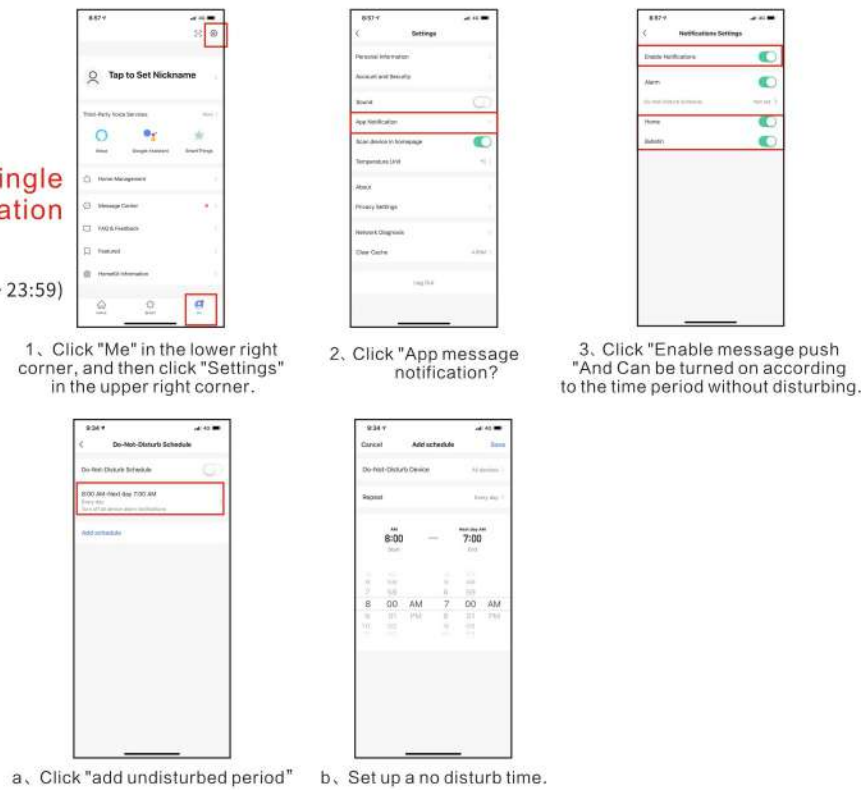
WiFi Bluetooth dual control controller interface

7 Interface



8 Event

After the device is running, information changes such as on, off and rainfall will be notified to the user on the mobile phone through message events.



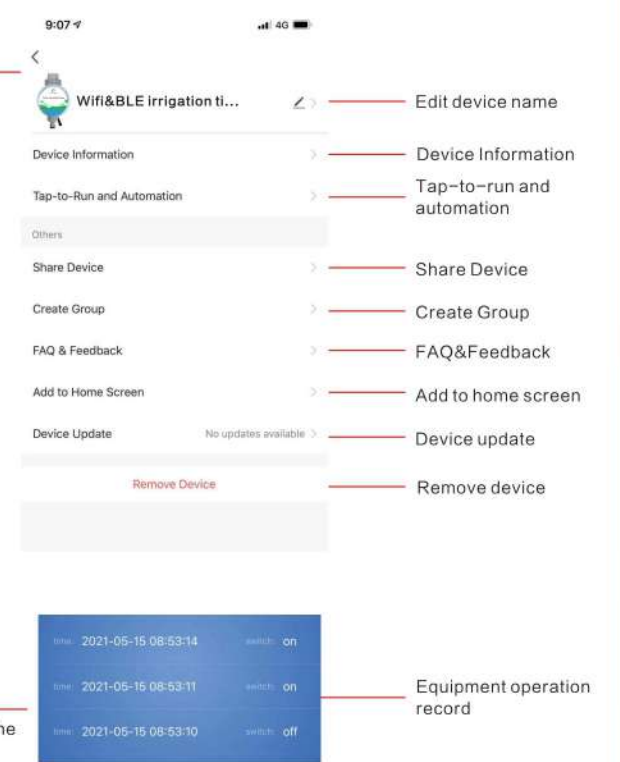
Off state is black background



ON state is blue background



Device Information



Log function: records the operation records of the equipment and let users to check at any time. (update on wake up)

10 Log

(historical operation record)

Record the start time and end time of each watering work



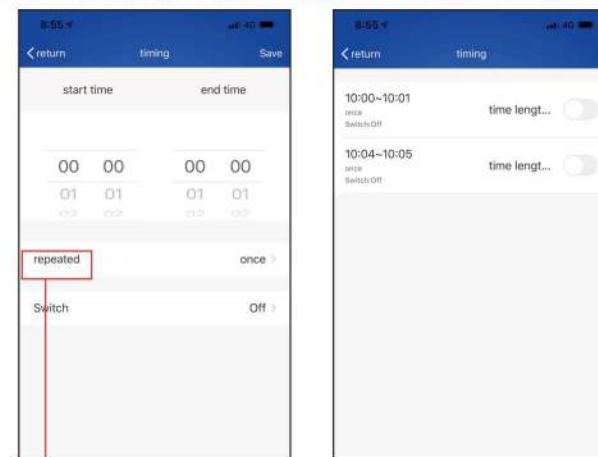
11 Timing

Up to 8 programs can be set
(timing failure in automatic mode)

Timing determine the work plan of schedule irrigation that sets a in timetable.

- Suppose you need to water for 5 minutes at 6 a.m. on Mondays, Thursdays and Sundays.
- Fill in the date / time setting and select 06:00 to run.
 - Fill in the date / time setting and select 06:05 to stop.
 - Select repeat, select Monday, Thursday, Sunday.
 - Select the operation action from the "Switch".
 - Click Save to complete the timing setting.

After modifying the set timing, please restart the set timing.

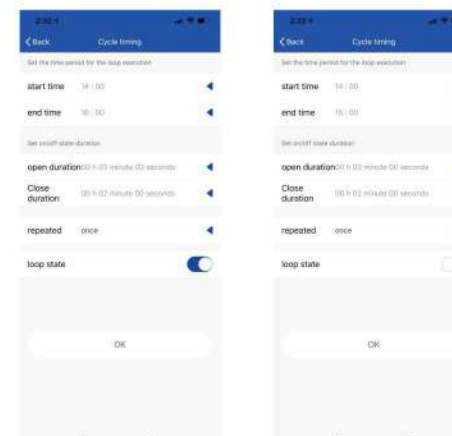


12 Circulation

Up to 1 program can be set
(in automatic mode, cycle timing failure)

Cycle is to set a time period in which the controller repeats the same command.

Suppose that the controller needs to turn on for 3 minutes, turn off for 2 minutes, and finally turn off from 2 pm to 4 pm every day. Click the status loop to enter the setting. Select the starting time at 14:00 and click the starting time again. Select the ending time at 16:00 and click the ending time again. Click the running time, select 00:03:00, and then click the running time again. Click the stop time, select 00:02:00, and then click the stop time again. Click repeating. Select all. Close repeating. Selecting running the cycle state. Click Ok.



When equipped with a gateway, set the shortest run time/stop time within 5 seconds

Cycle status: enable / disable the function (gray means not enabled, blue means enabled)

Troubleshooting

The Bluetooth controller will enter the dormant state shortly after the configuration is successful. When entering the working state, first wake up the device to operate (finger slide down to refresh the interface), and then enter the switch interface to operate. (When the device is not awakened the operation will be delayed)

1. The new battery can not work and indicate low power?

the product matches the 1.5V dry battery commonly used in the market. Some rechargeable lithium batteries only have 1.2V when fully charged. The voltage is lowered and 1.5V battery can be replaced.

2. Why does the gateway connection device app react slowly when it clicks the switch?

The product has no information interaction within 2 minutes, and will enter into a low-power state to ensure the product's endurance. Only the first operation needs to wake up, and there will be some delay.

3. Why does the control lose efficacy?

The direct connection of mobile phone is only 10 meters. If the distance is too far, it may lead to control failure.

4. After the device is bound, the signal light keeps flashing?

The network fluctuates when the device is bound. The local time is not obtained. Please reconfigure it.

