

WIFI REMOTE CONTROL USER MANUAL



UHPPOTE
HBK-RW02W

Thank you for choosing the waterproof remote control switch provided by us. Our goal is to provide the best products and service to all of you!

PRECAUTION

For avoidance of damage to the product or injury to the people, please carefully read this manual before use and keep it for future reference.

WARNINGS



- For avoidance of damage to the product, do not expose the product to rain or damp.
- This product could be used outdoors.
- Please use a combination of transmitter and receiver provided by us, we can't guarantee our transmitter or receiver is fully compatible with other manufacture's products.
- The product installation shall be conducted by a professional electrician as it requires specialized knowledge. Incorrect operation may damage the product, or make it inoperable.
- The transmitter and receiver have been paired with each other in factory.
- Keep this product away from children under 3 year old to prevent ingestion.
- Install the receiver in a place out of touch of children, so as to prevent electric shock.
- Please do not put the battery in water, fire or moisture places for avoidance of explosion.
- The battery contains hazardous substance. Return the waste batteries to the recycling bin to avoid contamination to the environment.

MAIN FEATURES

- Specialized for the access control lock and unable to be applied to access control keypad and other fields.
- The waterproof degree is IP65, that is, ensure the device will be protected against entry of dust and splashes of the water.
- With an external antenna, the reception of the signal is much better.
- Built-in buzzer, it will make sound to remind people when the door is open or closed.
- Built-in ITEAD PSF-B WIFI module certified by the FCC and the FCC ID is 2AE2JPSF-B85.
- It enables you to remotely control the connected appliances via free eWeLink APP. You can download the iOS version in APP Store or Android version in Google Play.

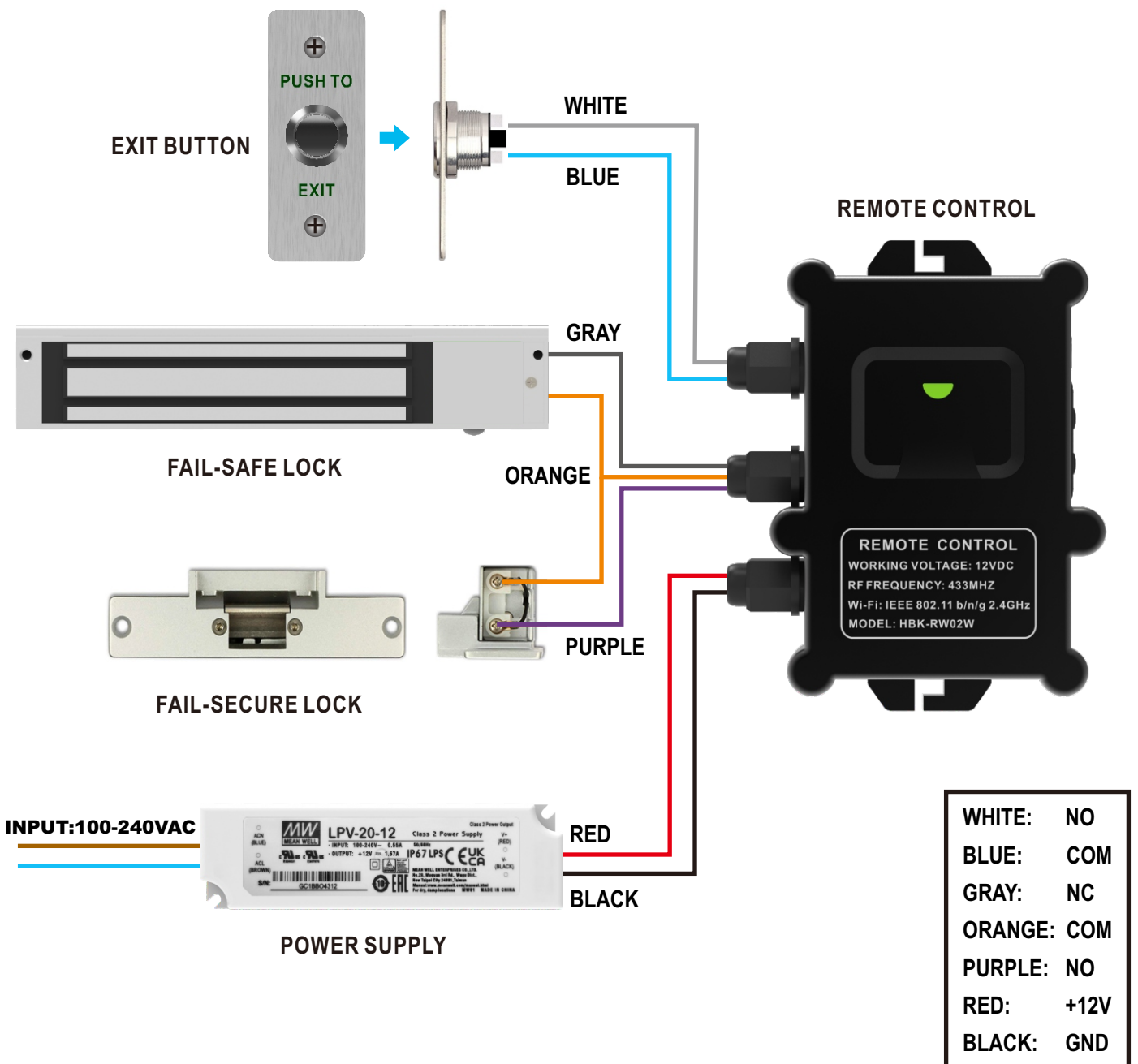
SPECIFICATIONS

WIFI Remote Control			
Operating Voltage	12VDC	RF Frequency	433.92MHz
Operating Current	20mA	Operating Temperature	-30~75°C
RF Channel	One	Receiving Range	50 meters (Open space)
WiFi Standard	2412-2462MHz	Operating Mode	Momentary/Toggle/Latched
Waterproof Rating	IP65	DC Encoding Type	Learning code
WiFi Module Model	ITEAD PSF-B	WiFi Modulation Type	OFDM/DSSS
Number of Remotes that can be connected to one Receiver			40
Remote Transmitter			
Operating Current	10mA	Case Material	PC+ABS
Frequency	433.92MHz	Operating Voltage	6VDC (Built-in button battery)
Transmit Power	15mW	Powered By	2pcs CR2016 3V batteries
Modulation Type	ASK	Antenna Gain	3.6dBi

MAIN COMPONENTS

Components	Model	Manufacturer
MCU	STM8S003F3	ST
Linear Regulator	SPX117-3.3	SIPEX
RF Transceiver Chip	SYN500R	SYNOXO
Relay	G5Q	OMRON
WiFi Module	PSF-B (FCC ID: 2AE2JPSF-B85)	eWeLink

WIRING DIAGRAM



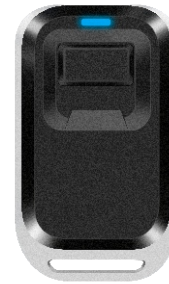
OPERATING SETTINGS

1. Transmitter Pairing

Press the RF-KEY on the remote receiver once, the indicator on it will flash green quickly. Then press the button on the remote transmitter within 20 seconds, the LED indicator on the receiver will flash green three times to indicate the pairing is successful.



WiFi Remote Control



Remote Transmitter

2. Working Mode Setting

Working Mode	Operation	Sound and Light Indication
Momentary with a 3-second delay	Press the RF-KEY twice	The LED indicator on the receiver will flash green and the green light flashes the same number of times as the RF-KEY is pressed. The buzzer will beep once.
Toggle	Press the RF-KEY three times	
Latched	Press the RF-KEY four times	
Momentary with a 5-second delay	Press the RF-KEY five times	
Momentary with a 10-second delay	Press the RF-KEY six times	

3. RF Unpairing

Press and hold the RF-KEY for 8 seconds until the indicator changes from green to red.

PACKING LIST

Name	Quantity	Remarks
WiFi Remote Control	1	
Remote Transmitter	2	
Power Supply	1	Input: 100-240VAC
User Manual	1	English
Plastic Anchors	2	Ø6x25mm, used for fixing
Self-Tapping Screw	4	Ø4x25mm, used for fixing

1. Download eWeLink APP



Search "eWeLink" in APP Store for iOS version or Google Play for Android version.



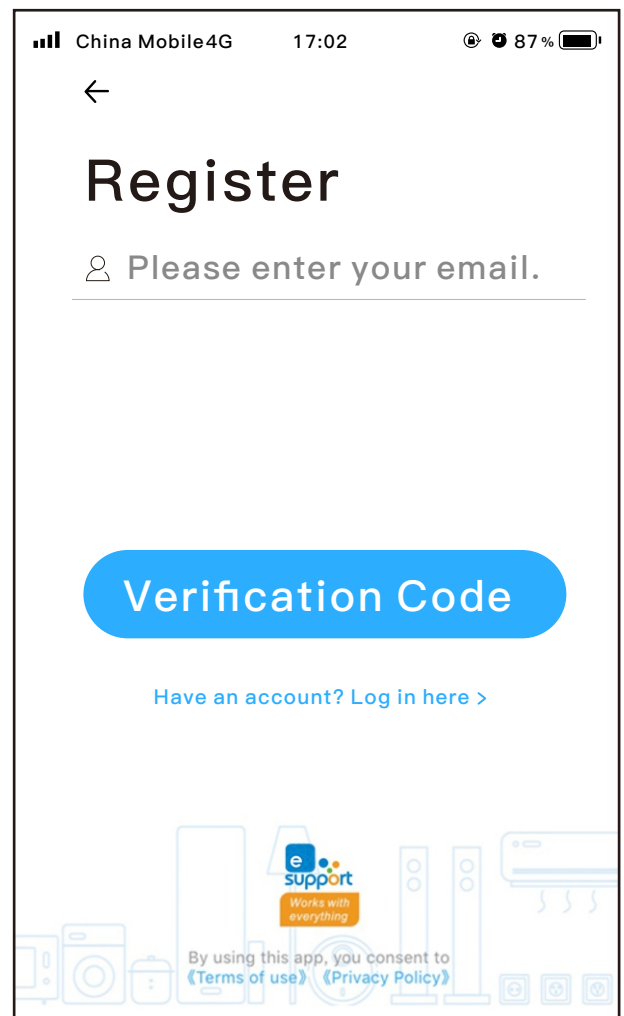
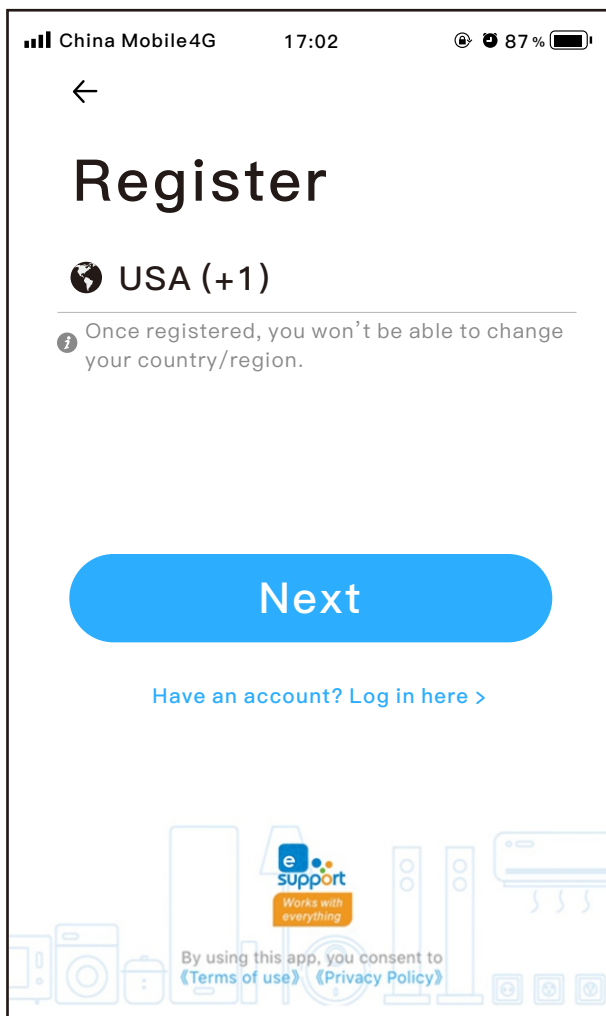
Android eWeLink



iOS eWeLink

2. Registration and Login

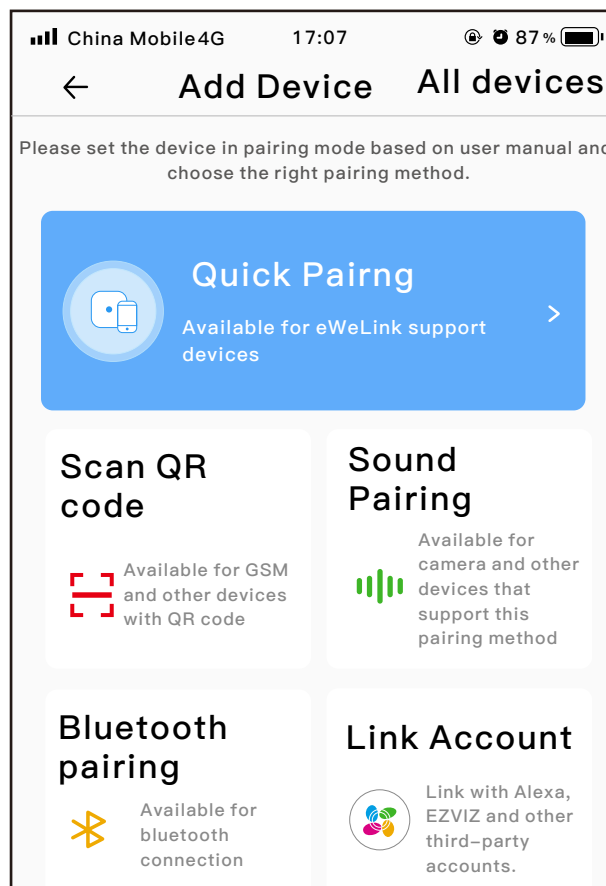
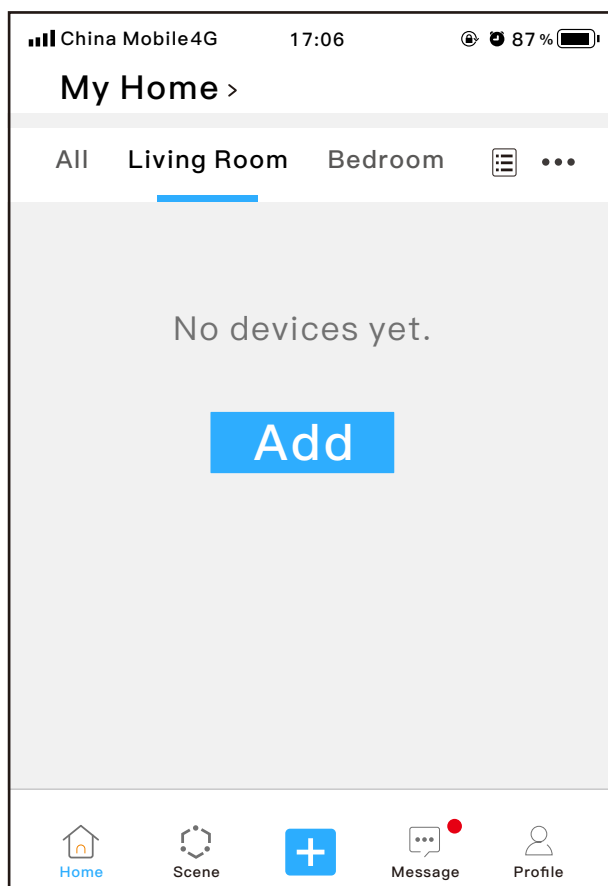
Select your country/region code and click "Next", and then input a valid email address and click "Verification Code". After a while you will receive a verification code. Fill in the verification code and password, confirm password and submit. For safety, the password should be no less than 8 characters.



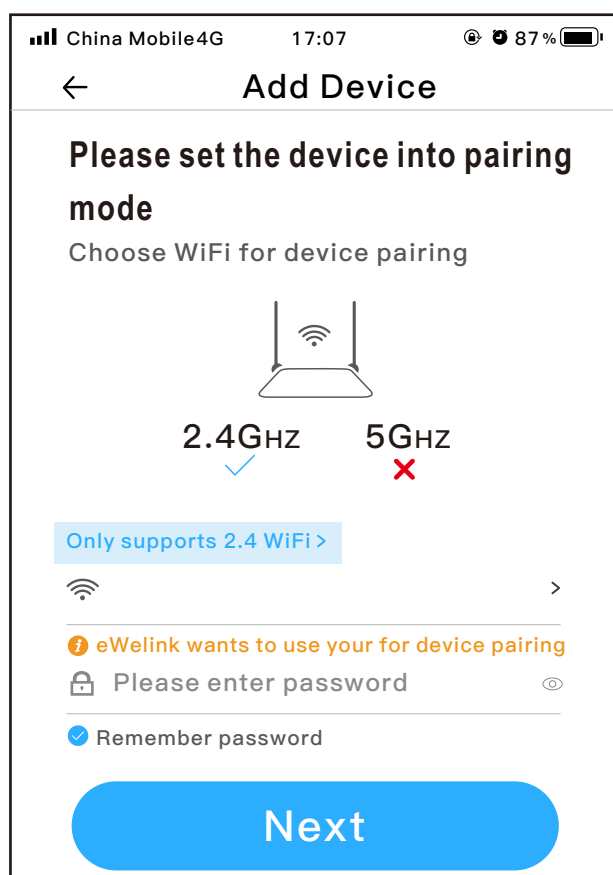
3. WiFi Pairing

Step 1. Power up the remote control receiver with 12VDC power.

Step 2. Click the "+" device icon or "Add" on the home page and then choose "Quick Pairing" to enter pairing mode via the smartphone.



Step 3. Input home WiFi SSID & password, (If no password, keep it blank.) then click "Next".



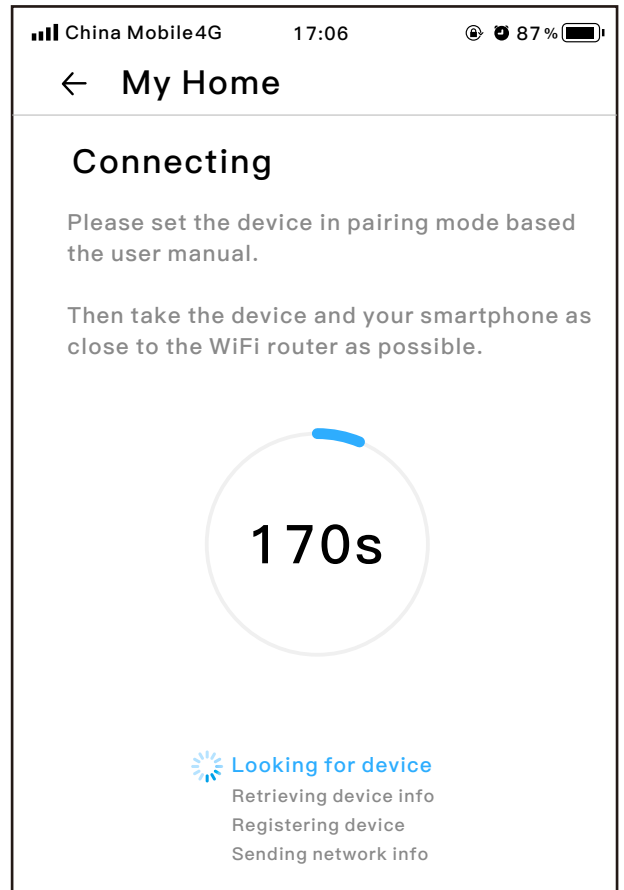
Please make sure that the WiFi you are connecting is the same with the one your phone connecting. If different, it will cause offline problem. For the present, the eWeLink only supports 2.4GHz WiFi communication protocol and can't support 5GHz WiFi network.

Step 4. Press and hold the WIFI-KEY on the Remote receiver for 5 seconds until the indicator flashes red quickly.

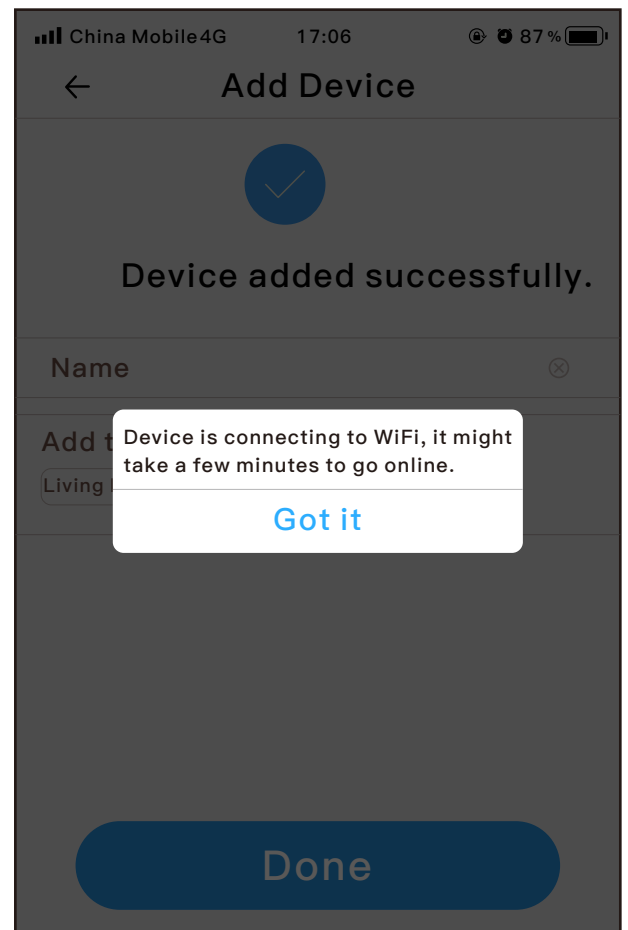
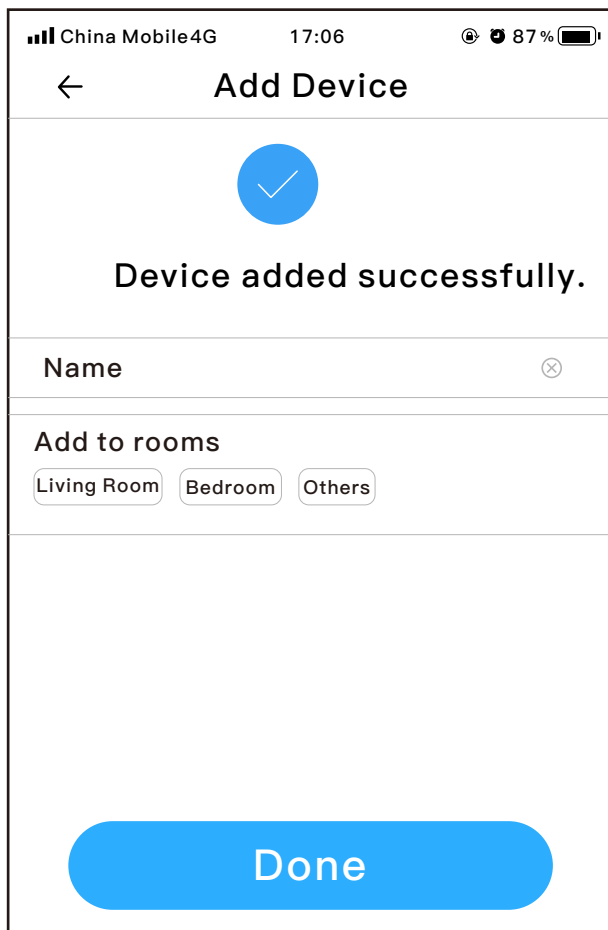


WiFi Remote Control

Step 5. The eWeLink APP will auto-search and connect to the receiver.

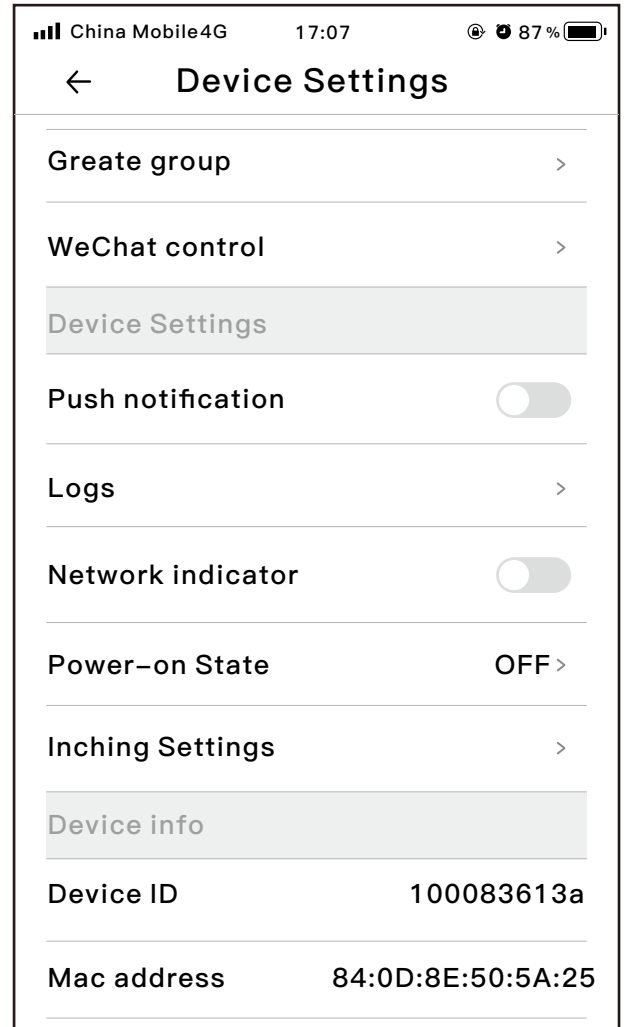
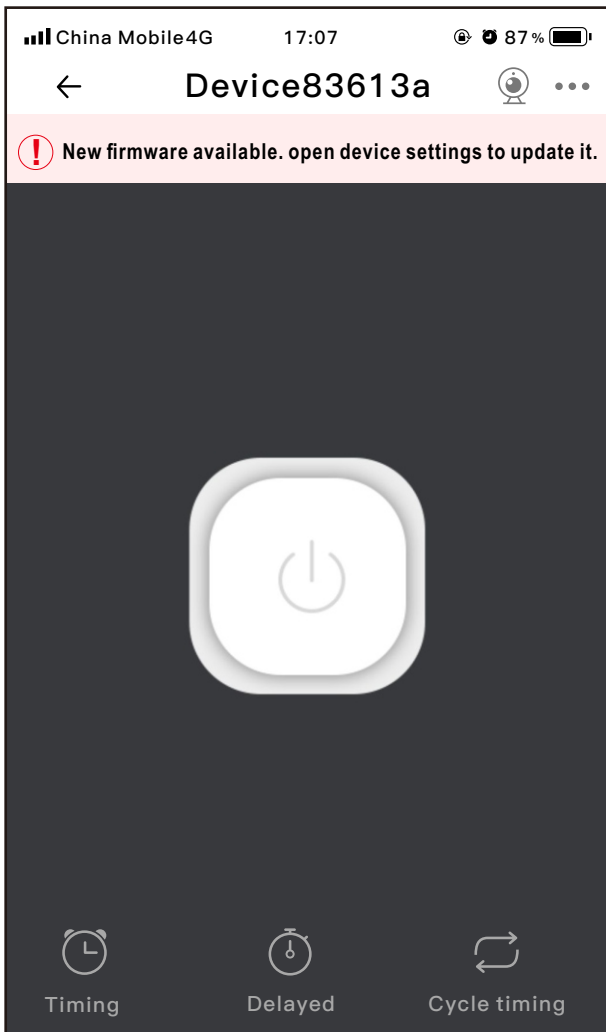


Step 6. Name your device and click "Done".



4.About Inching

(If you need this function, please activate it and then set the inching duration according to your needs.)
Click "..." in the top right corner and you can see the inching function as shown in the picture below.



Note: The picture in this part may be different due to the different firmware version, but the operation steps are the same. Please refer to the latest version.

TROUBLE SHOOTING

1.Q: Why does not the transmitter's LED light up when I press the button on it?

A: The battery power may be exhausted. Please replace the battery.

2.Q: Why can't the lock be unlocked after pressing the transmitter?

A: Please check the issue by the following steps:

a: Check whether the remote control receiver and transmitter are paired successfully.

b: Check whether there is any metal object around the remote control receiver as it may shield the signal.

3.Q: Can I connect the access keypad to this remote control switch?

A: Yes.

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. Any 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. To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.



Focus on the access control system industry,
making home security within reach.