Wi-Fi Bridge

Product Instructions

Contains FCC ID: 2ANDL-CR3L

'Smart Life'APP

FCC Statement

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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.

FCC Radiation Exposure Statement:

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

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.

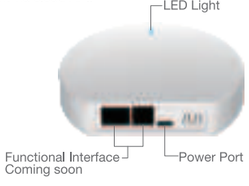
—Increase the separation between the equipment and receiver.

—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.

Product Description

Wi-Fi Bridge Gateway is a Wi-Fi to RF+ with integrated RS485 interface. It builds a connection via user's Wi-Fi router at home and enables user to control motorized window covering with Smart Life App and interaction with ecosystem such as Amazon Alexa, Google Assistant via cloud API.



- LED Light:
  Blue light flickers: Initialization in progress
  Red light is on: Standby (Initialization in complete)
  Yellow light flickers: Gateway is under connection
  Yellow light is on: Gateway has been connected
- P1 P2:
  Hold P1 for 6s:Enter connection mode
  Hold P2 for 6s:Reset(the light will be off and red light will be on)

Product Description

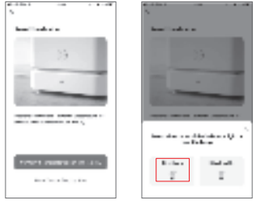
Name: Wi-Fi Bridge
Power input: DC 5V/1A
Communication method: WiFi, WiFi+RF433
Wireless standard: ASK for unidirectional motor, FSK for bidirectional motor
RF frequency: 433.92 MHz
Working temperature:0℃~45℃
IP degree: IP20(indoor use only)
Material: PC
Color: White

Bridge Connection

1. Hold P1 on the Bridge for 6s till the yellow light flickers to enter the connection mode.
2. Open the Smart Life App, and click the button of "Add Device", select "Small Home Application" in the left directory, and scroll down the page to click "Curtain(Wi-Fi)".

3. Select 2.4 GHz Wi-Fi Network and enter password.

4. Click the "Confirmation the indicator is blinking rapidly", and select the "Blink Slowly".



5. Click the "Go to Connect" to connect your mobile phone to the device's hotspot under the name of "SmartLife-XXXX" or "SL-XXXX", then go back to the Smart Life App and add device.

6. After the Bridge is added successfully, you can modify the device name as you like.

Remark: the connection operation should be finished within 3mins, or the gateway will exist automatically.

Unidirectional motor Connects to the Wi-Fi Bridge

1. Make the motor into pairing mode:
   Way 1: Press the motor head button for 2 seconds until the motor jogs once.
   Way 2: Press Prg button on the paired remote, motor jogs once. Press the same Prg button again, motor jogs once.

2. Click the Bridge on the Smart Life App to add subdevice, choose the “Unidirectional equipment”. Select the type of your window covering, and click “Match now”. After the motor jogs twice, click the “responded, saved”. Now the motor has been connected to the Bridge successfully, and you can modify the name as you like.
Remark: The operation of this step should be finished within 10 seconds.




3. Click the button on the bottom right corner to confirm running direction and set limits. Then the motor can be controlled by App from anywhere, anytime.


Bidirectional motor Connects to the Wi-Fi Bridge

1. Make the motor into pairing mode:
   Way 1: Hold the motor head button for 6 seconds until the motor jogs twice, and the orange LED on motor head flickers twice. The blue LED flickers after releasing the button to indicate the motor is under pairing mode.
   Way 2: Press Prg button on the paired remote, motor jogs once. Press Down button, motor jogs once. Press Up button, motor jogs once. The blue LED flickers after releasing the button to indicate the motor is under pairing mode.

2. Click the Bridge on the Smart Life App to add sub-device. Choose the “Bidirectional equipment” to search for device automatically. After the motor connected to the Bridge successfully, you can modify the name as you like.



3. Click the button on the bottom right corner to confirm running direction and set limits. Then the motor can be controlled by App from anywhere, anytime.


Bluetooth function: auxiliary network distribution, after powering the product, the mobile app can automatically search for the product, without manual control.

How the 433M works：The CR3L module is controlled by the mobile APP through Bluetooth, and the CR3L sends a signal to the MCU, which then sends a signal to the 433 module (S14463), and the 433 module (S14463) sends a signal to the motor, and controls the curtain to drive the motor to start running.

Launch mode: Press once to send once.