

Instruction Manual Smart Switch

ZigBee3.0



English



WORKS WITH
alex



WORKS WITH
Google Assistant

Product Description

(The newly designed smart switch supports the ZigBee protocol and replaces the traditional switch with function of various control modes. Now, a new function has been added to the Smart Life/Tuya APP, that is the multi-control connection with other smart switches, and the status of backlight on/off and relay. It is suitable for different decorative styles, and can provide best value for you.)

Safety Information

Risk of Electric Shock:Electricity can cause personal injury and property damage if handled improperly.If you are not sure about any part of these instructions,please seek professional assistance from a qualified electrician.

Technical Parameters:

Model: ZS-B-US

Voltage: 90-240V AC, 50/60Hz

Max. Current: 10A/Gang; Total 10A

Wireless Protocol: ZigBee 3.0

Frequency Band: 2405~2480Hz

Maximum Radio Transmit Power:<+10dBm

Warnings:

Turn off the power at the circuit breaker and test that power is off before wiring.

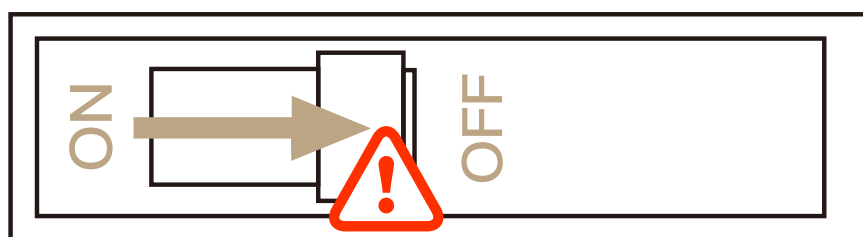
Installation

Note:

- Make sure that the power at the circuit breaker is off **before wiring**.
- Neutral Wire is required. Confirm the wall box contains a Neutral Wire (typically white). If the wall box doesn't have a Neutral Wire, please try another location at your home or **call a professional electrician to install the switch**.
- **The wire colors indicated in this manual are the usual colors and may differ in some houses.**
- Ensure the wire conductors are securely fastened to each **wire**.
- Ensure the Wi-Fi signal is steady and normally working **before wiring**.
- If you don't have any wiring experience, please call a **professional electrician**.

Step 1

- Turn off the circuit breaker and use the electrical **tester to test the power**.
- Ensure the circuit breaker is off before wiring.

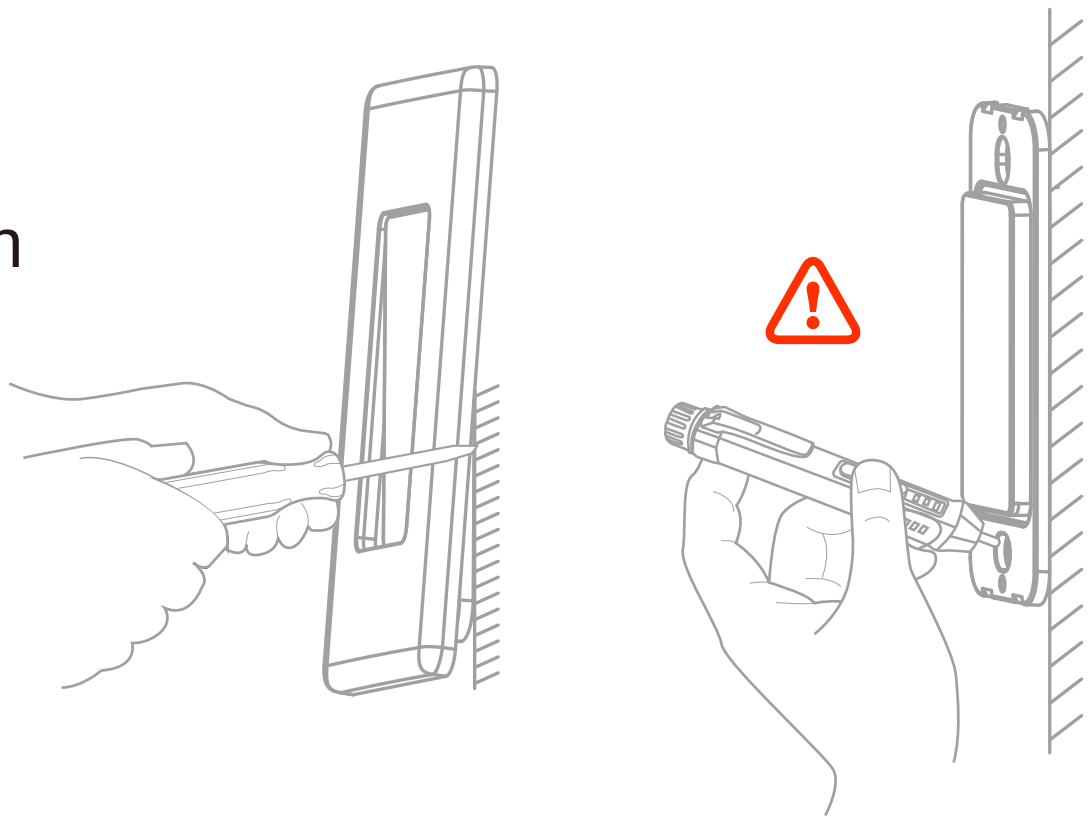


⚠ Attention:

Please disconnect the power supply before installing or removing the device for avoiding irreversible damage on the device from the electric current or some unpredictable problems such as lamp flashing.

Step 2

- Remove the old switch



Step 3

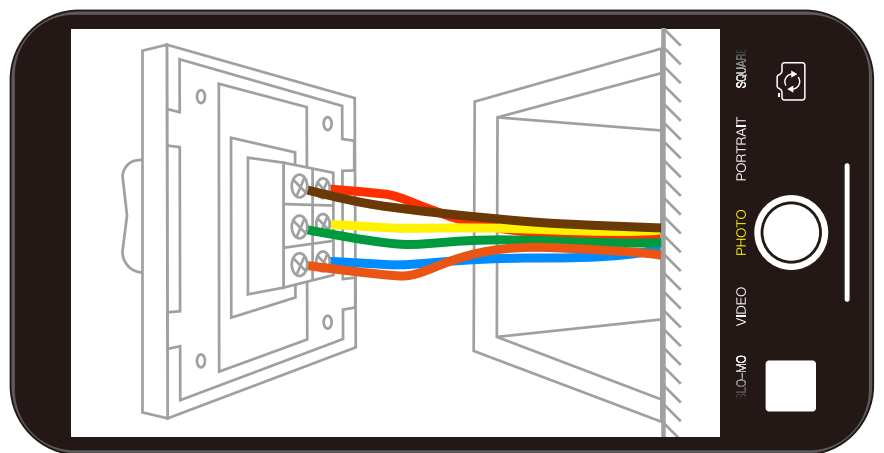
- Remove the switch and pull it away from the wall. Identify Line/Load Wire (Note: The color of your wire may be different from the color shown on the manual.)

⚠ Verify power is off

- We recommend you remove the faceplate from the old switch and use an electrical tester to test all wires connected to the switch to ensure there is no voltage in the circuit.
- You may need to turn off more than one circuit breaker.

Step 4

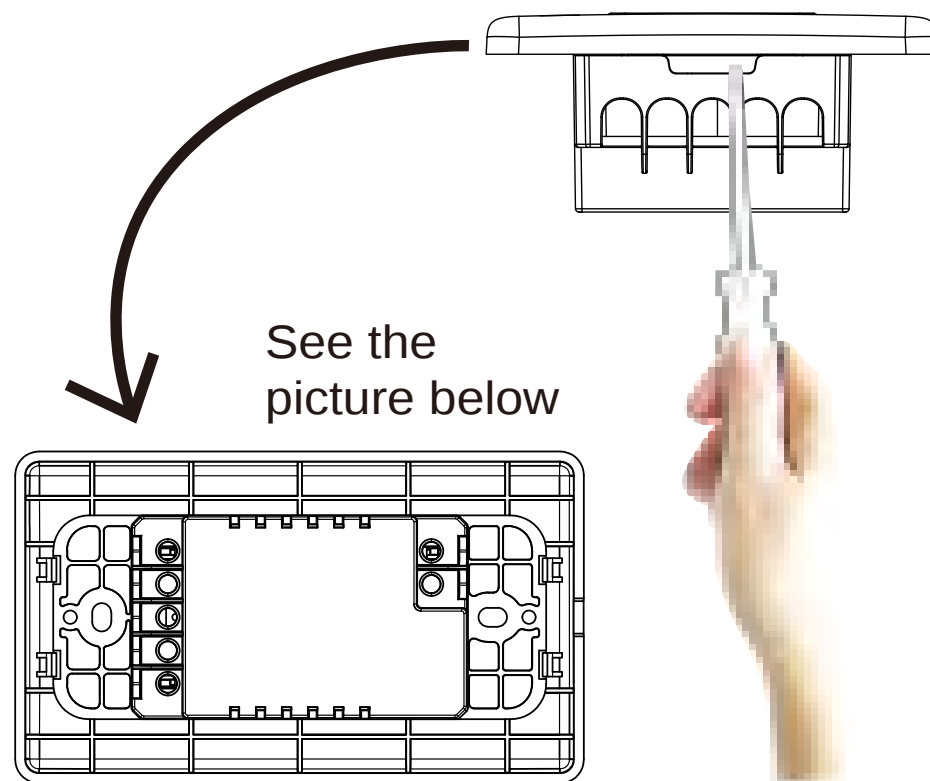
- Take pictures of the wiring



- Follow the wiring diagram to connect the switch wires to the wires in the wall box with the wire conductors.

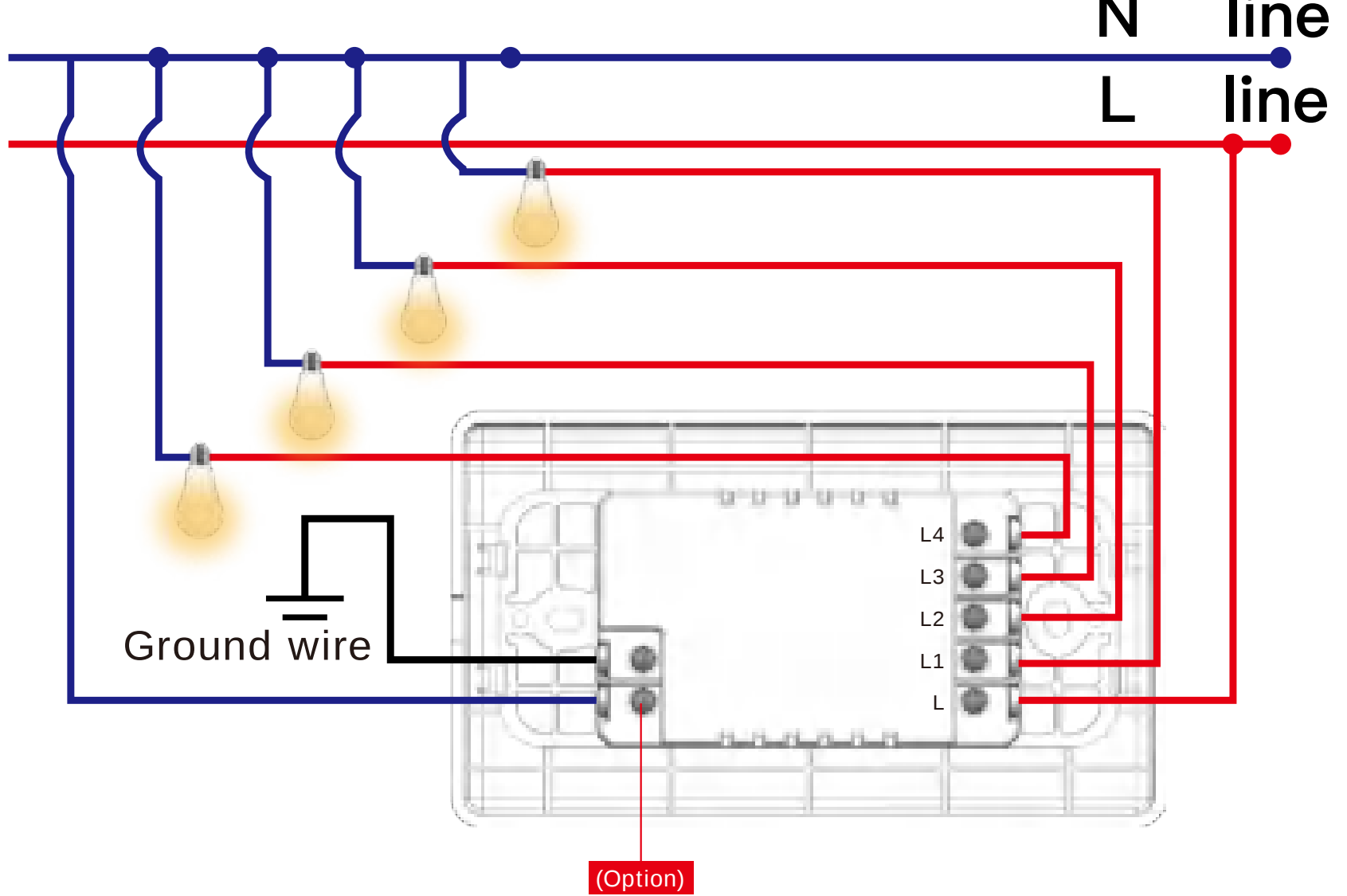
Step 5

- Remove the panel with screwdriver
(Please don't install with electricity power on)



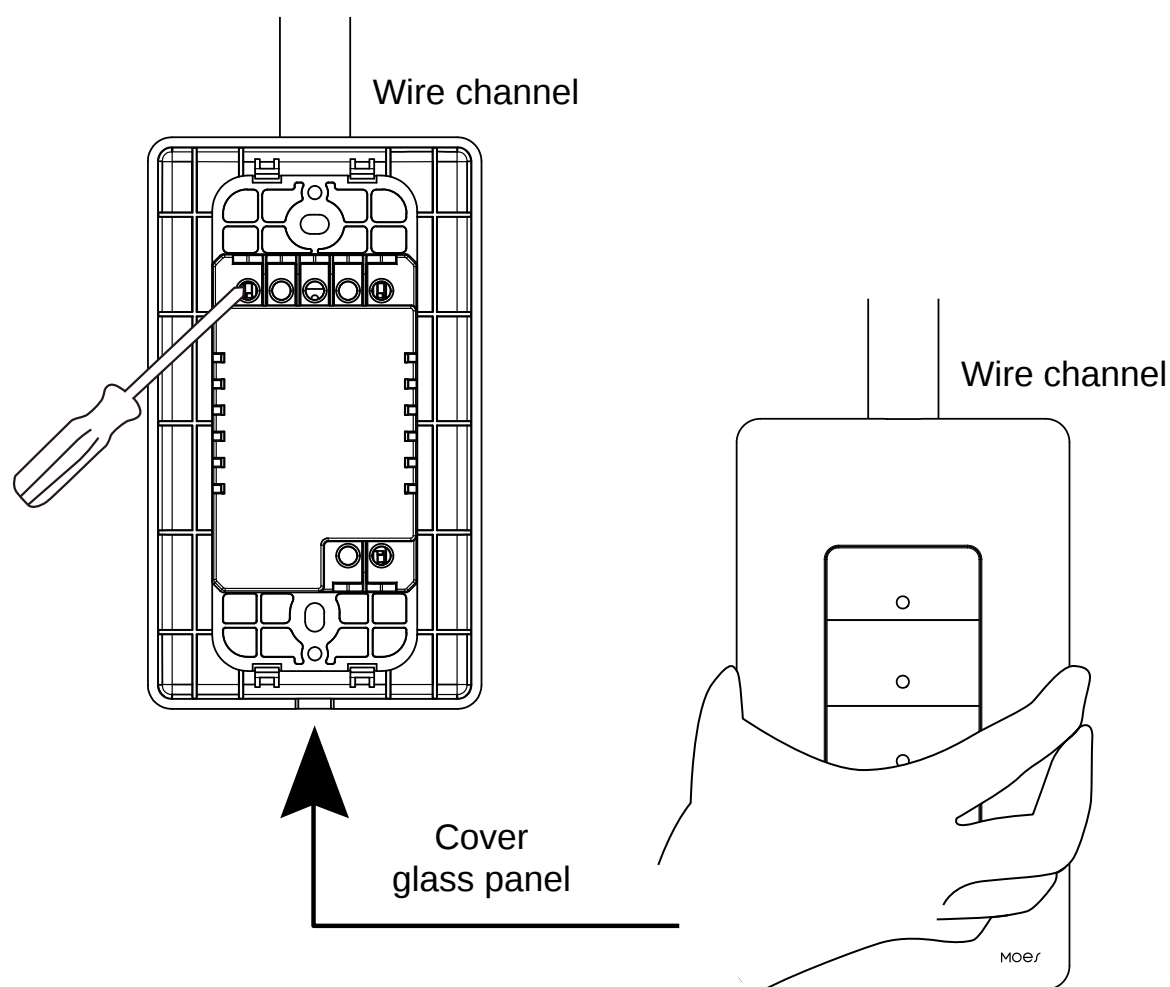
Step 6

- Prepare to install wiring
 - A. Live wire connects “ L ” terminal
 - B. Neutral wire connects “ N ” terminal
 - C. Lamp wire connects “ L1,L2,L3,L4 ” terminal
 - 1 Gang connects “L1” terminal
 - 2 Gang connects “L1,L2” terminal
 - 3 Gang connects “L1,L2,L3” terminal
 - 4 Gang connects “L1,L2,L3,L4” terminal



Step 7

- Put the switch into switch box in the wall
- Mount the two side screws
- Install the glass panel (install from up above)
- Finish installation



Download the MOES APP

① Download MOES App on App store or scan the QR code



MOES App is upgraded as much more compatibility than Tuya Smart/Smart Life App, functional well for scene controlled by Siri, widget and scene recommendations as the fully new customized service.

(Note: Tuya Smart/Smart Life App still works, but MOES App is highly **recommended**)

② Registration or Log in.

- Download “MOES” Application.
- Enter the Register/Login interface; tap “Register” to create an account by entering your phone number to get verification code and “Set password”. Choose “Log in” if you already have a MOES account.

How to Reset/Re-pair WiFi Device

Long press the switch for 10 seconds until the indicator on the switch flashes fast and the device will start the network connection mode.

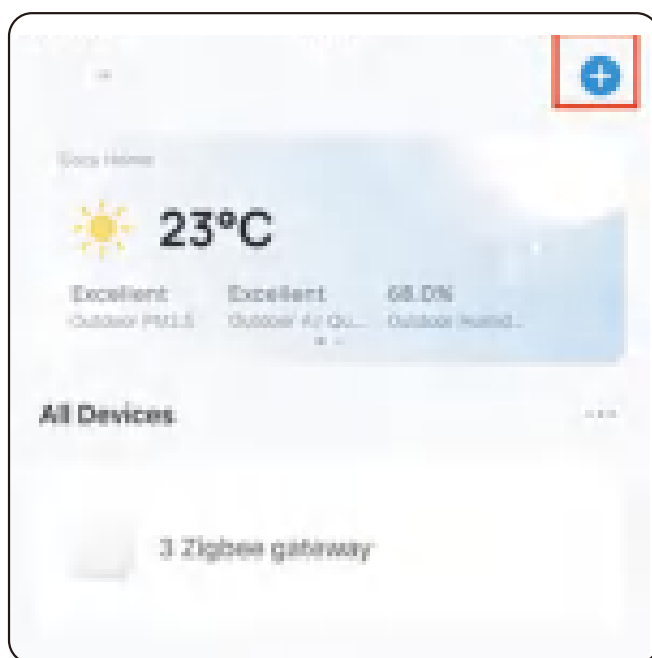
Steps for connecting the APP to the device

Ensure the device is within the effective signal coverage of your smart ZigBee gateway for successful connection into the ZigBee gateway in MOES APP.

Method One:

Scan the QR code to configure the network guide.

1. Make sure your MOES APP has successfully connected to a Zigbee gateway.



①



②



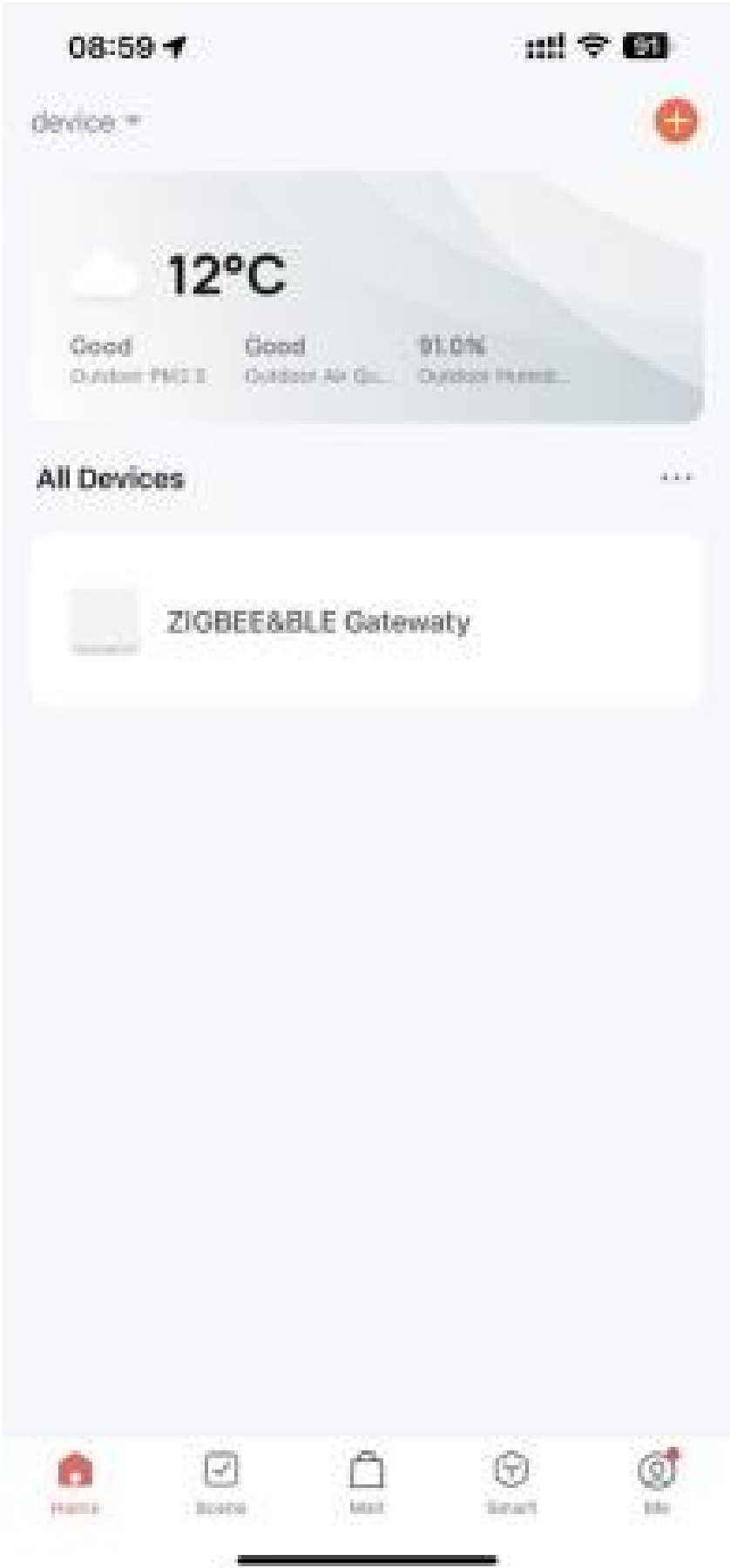
Scan this QR code



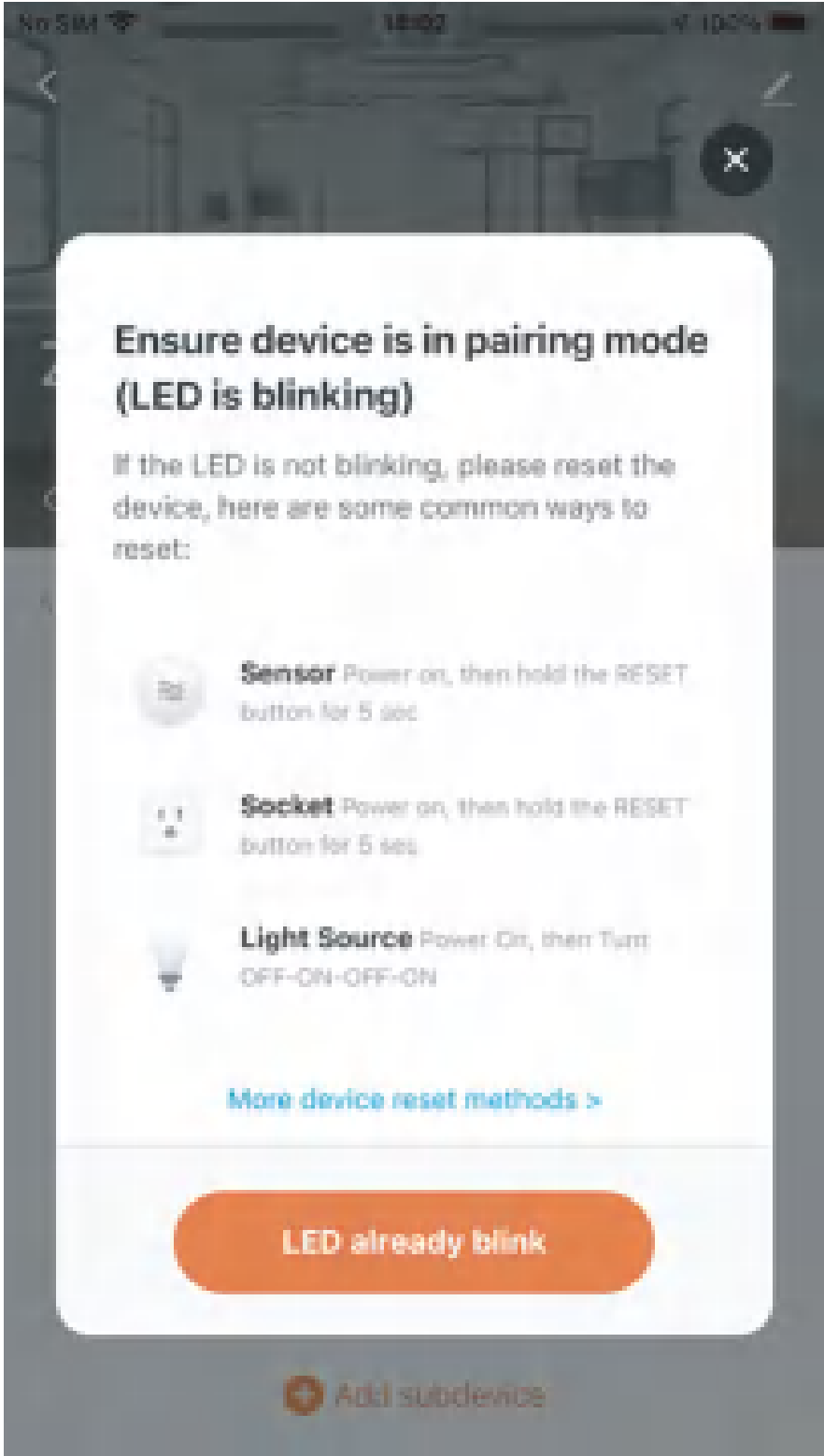
③

Method Two:

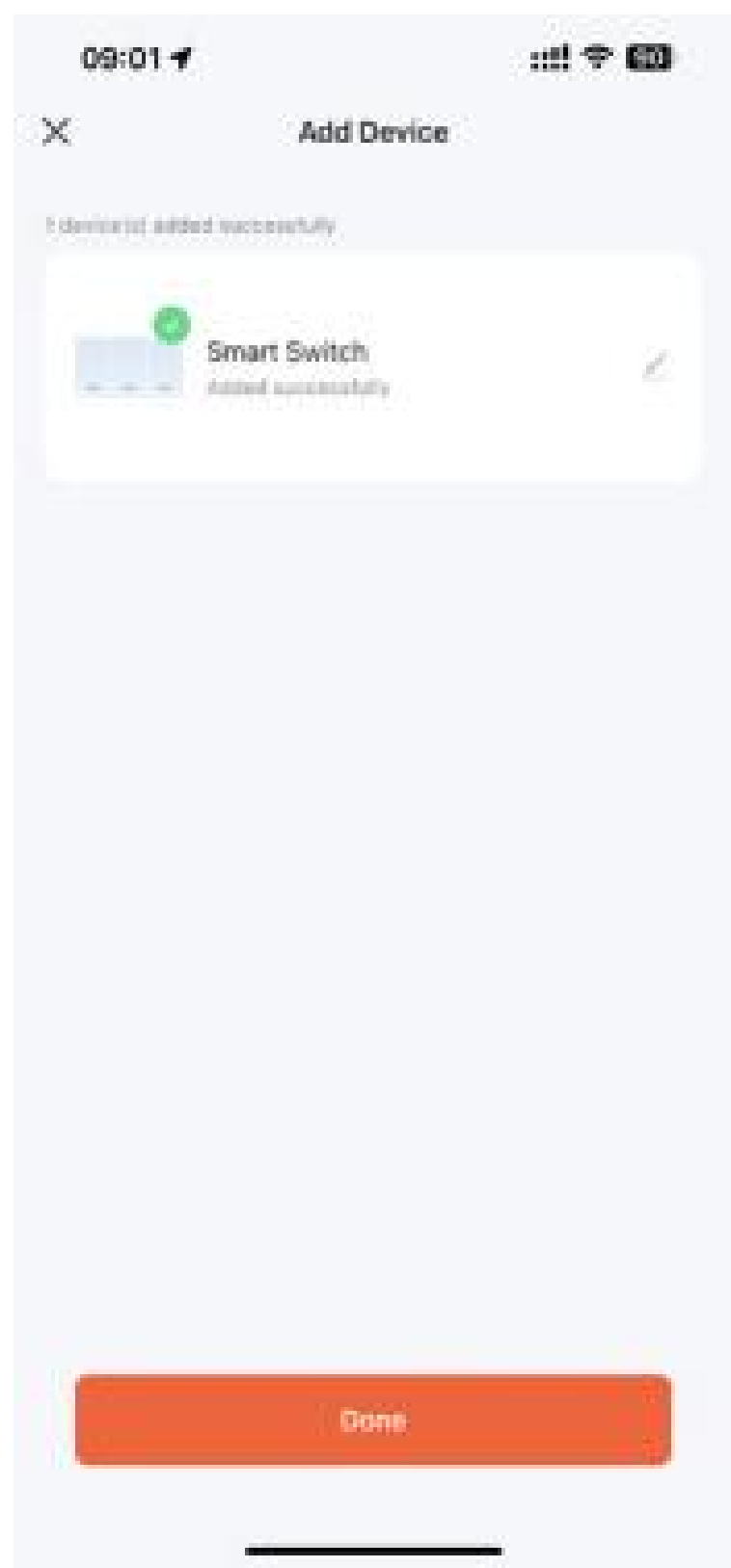
1. Make sure your MOES APP has successfully connected to a Zigbee gateway.



2. Enter the gateway. Please follow the picture below to finish as “Add subdevice→LED already blink, and the connecting will take about 10–120 seconds to complete depending on your network condition.



3.Add the device successfully, you can edit the name of the device to enter the device page by click “Done”.



4.Click“Done”to enter the device page to enjoy your smart life with home automation.



How to achieve multi-control association (only for N+L wire)

Note: Please confirm you have successfully finished the link method above for adding this switch to your MOES App before the association.

1. Add another smart switch to the same MOES App.(If there is a smart switch having been added before to the app, just go to next step.)

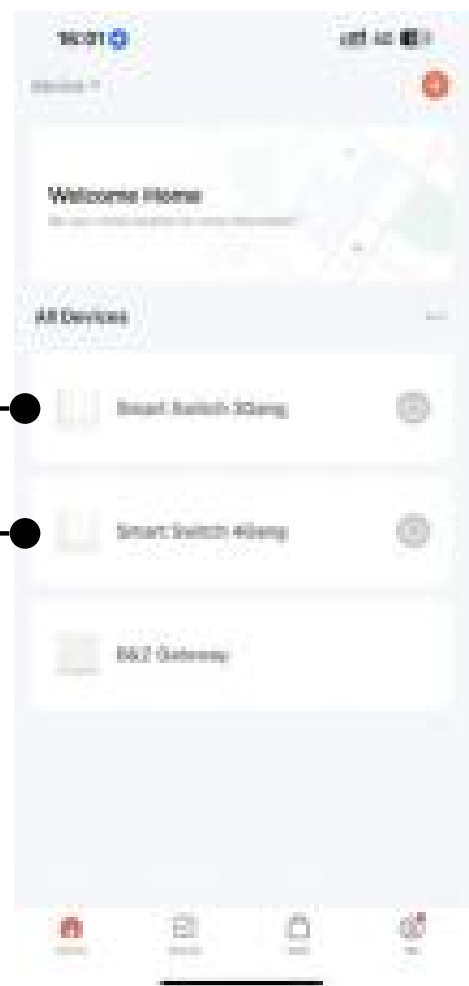
Note: If your switch requires a neutral wire, then there is no need to wire the new added switch to the light, only L and N are required for wiring. Then you can control 1 light with multiple switches in MOES App.

If your switch doesn't requires a neutral wire, you need to follow the wiring instructions to connect the L and light. At this point, you can control the lights simultaneously with multiple switches.

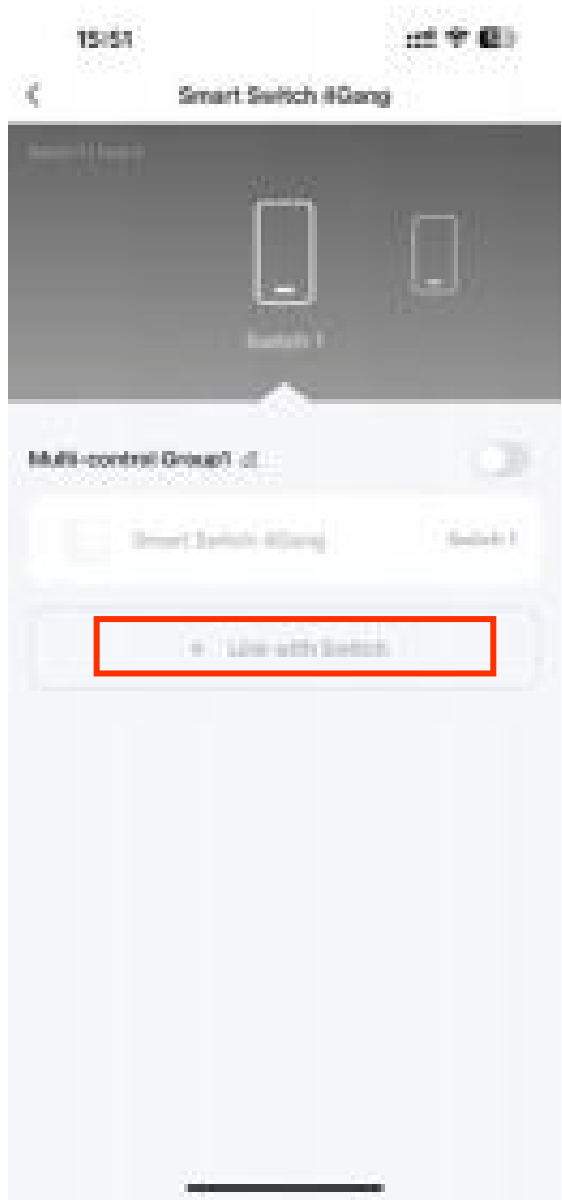
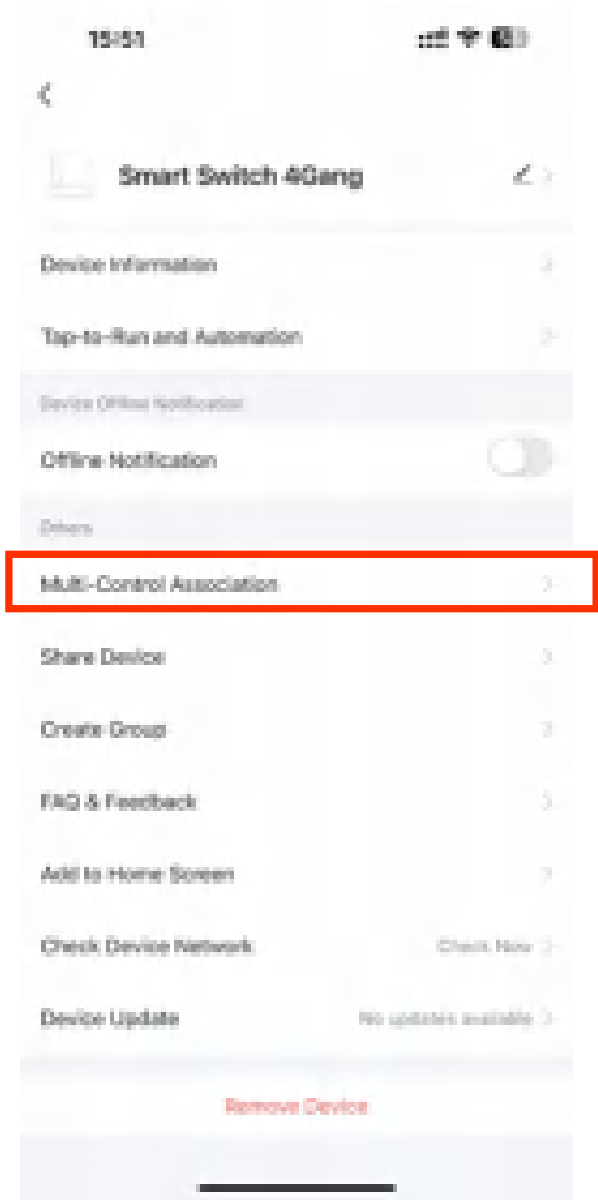
2. Then you will see two devices in the app and click the main switch (as one gang switch as below) by entering into the next operation.

New Added Switch —●

Main Switch —●

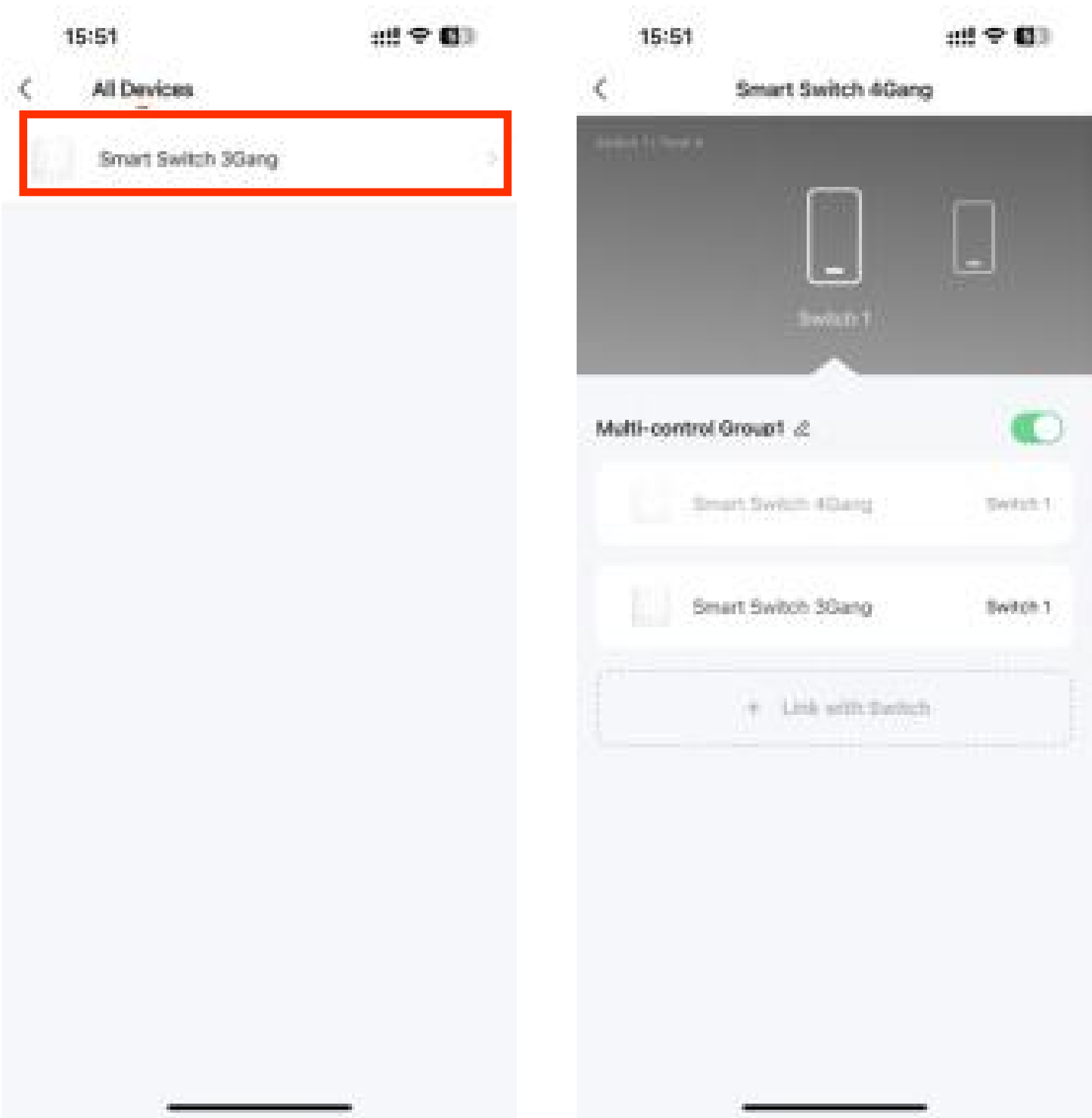


3. Click  in the upper right corner and choose “Multi-Control Association, and then click “+” in the right corner.



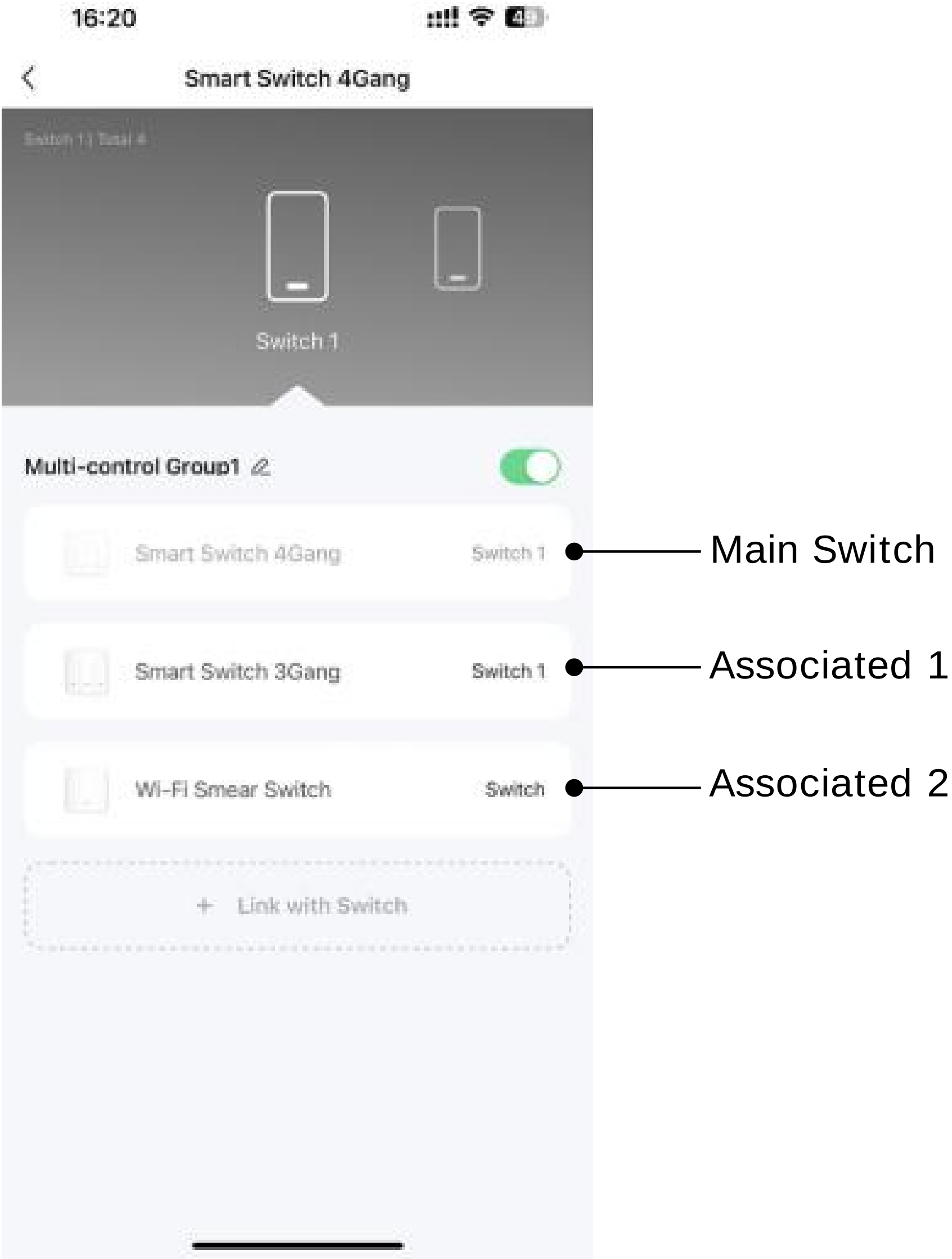
4. Choose the switch that you want to associate to and then choose the switch button that you want to control the same light. Then go back to previous page,you will see two itemsin the page,one is your main switch, the other is the one you associate just now.

Note: Please confirm the associated switch is enabled.



5. Now you are able to control your light with two **switches**.
Do not associate another button in the same switch for **multi - control**.

6. If you want to add another third or more smart switches to control your light, just repeat the steps above. And you will see the result as below when you **associate another new switch**.



Control your home with your voice

Devices are compatible with Amazon Alexa and Google Home supported functionalities.

Please see our step-by-step guide on:

<https://www.moestech.com/blogs/news/smart-device-linked-voice-speaker>

SERVICE

Thank you for your trust and support to our products, we will provide you with a two-year worry-free **after-sales service (freight is not included)**, please do not alter this warranty service card, to safeguard your legitimate rights and interests. If you need service or have any questions, please consult the distributor or **contact us**.

Product quality problems occur within 24 months from **the date of receipt, please prepare the product and** the packaging, applying for after-sales maintenance in the site or store where you purchase; If the product **is damaged due to personal reasons, a certain amount of maintenance fee shall be charged for repair**.

We have the right to refuse to provide warranty service if:

1. Products with damaged appearance, missing LOGO or beyond the service term
2. Products that are disassembled, injured, privately repaired, modified or have missing parts
- 3. The circuit is burned or the data cable or power interface is damaged**
4. Products damaged by foreign matter intrusion (including but not limited to various forms of fluid, **sand, dust, soot, etc.**)