4″ Smart Control Panel(in-wall) SPEC

Ver.	Description	Creator	Date
V1.0	First edition	Engineer Department	2021-3-18

Contents

Chapter 1 Product presentation

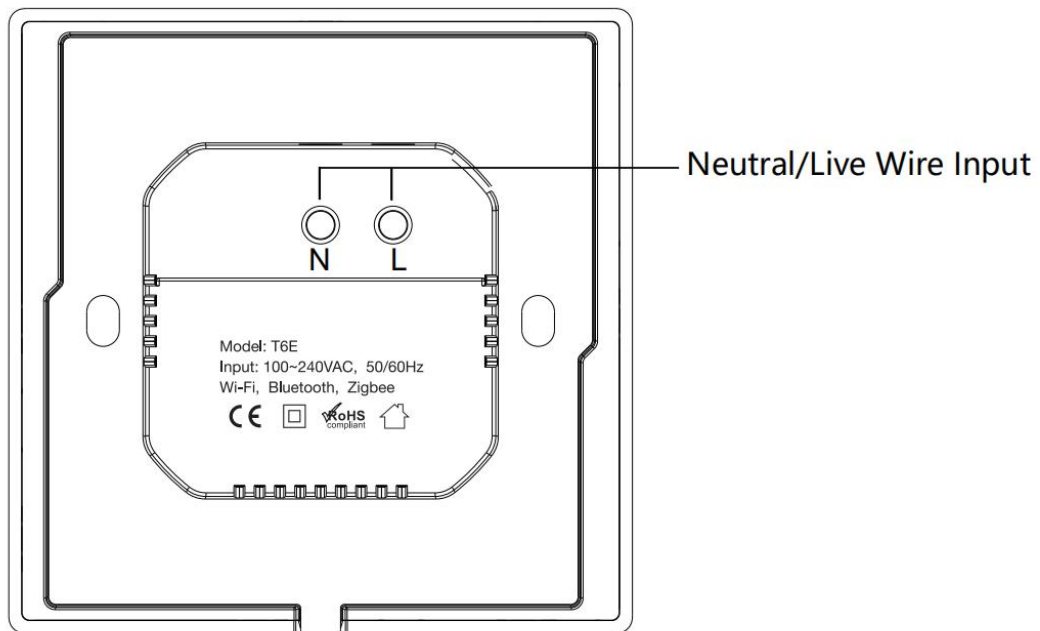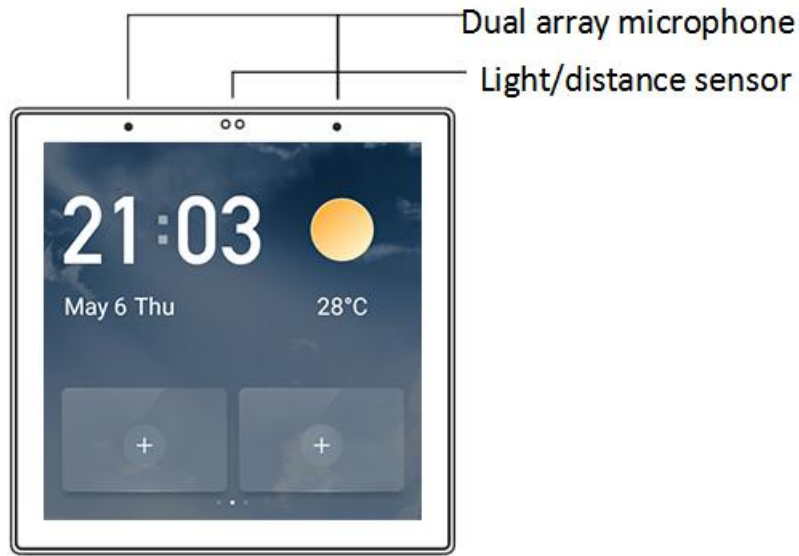## 1.1 Appearance

1.2 Main Features

- Compatible with European standard wall boxes, simple in wall installation.

- 4-inch HD LCD, IPS, multi touch screen, Dual array microphone with noise reduction, Auto light sensor, built in 1W speaker.

- ZigBee gateway function, APP remote control.

- Control the lights, curtains, air conditioners, and all other smart home devices. Configure Smart Home scenes in the APP, turn on the scene mode with one touch on the screen.

Chapter 2 Product Specifications

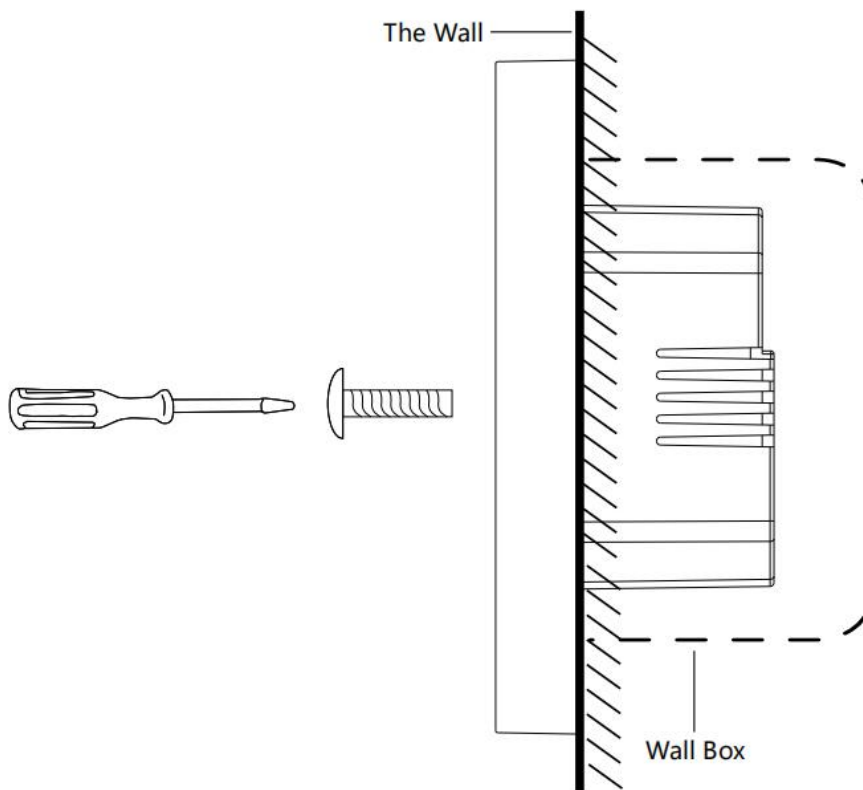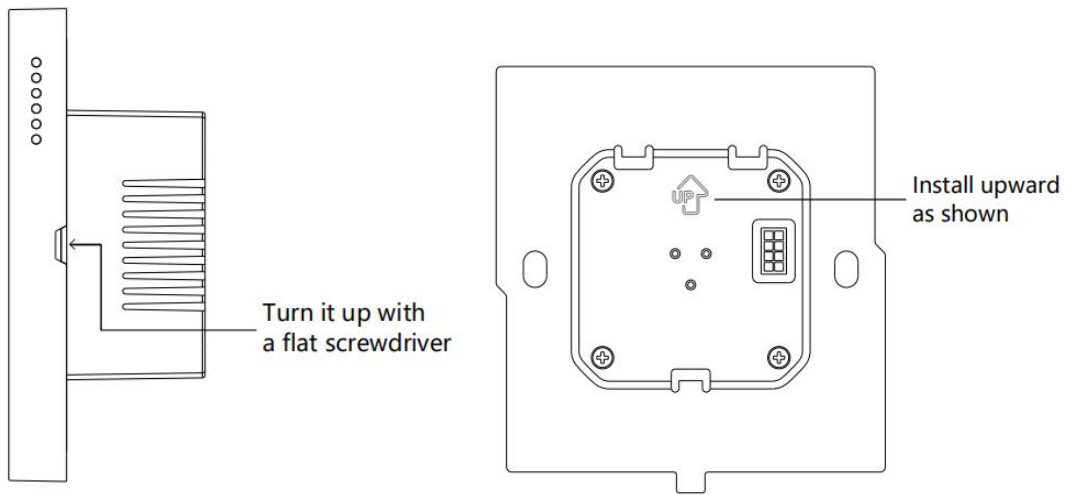| Specifications			
CPU	PX30 Quad core Cortex-A35	**OS**	Android 8.1
RAM	1GB	**Screen**	4 inch 480*480 Multi-touch
ROM	8GB	**Bluetooth**	BLE4.2 Single point
Ethernet	N/A	**RS485**	N/A
WiFi	802.11b/g/n150Mbps 2.4GHz	**Zigbee**	802.15.4 PHY/MAC Zigbee network protocol stack
Functions			
Voice Control	Does not support voice control.		
Relays	N/A		
Music play	Built in 1W Mono speaker, Support local music source play, online music sources optional.		
Light sensor	Automatically adjust the screen brightness according to surroundings.		
One Smart Control Panel could control all your smart switches, smart plugs, lights, air conditioners, curtains, locks, security cameras, smart sensors,up to 100+ ZigBee sub devices.			

Chapter 3 Ports and Specifications

3.1 Interface and ports

Dual array microphone

Light/distance sensor

21:03

May 6 Thu   28°C

Neutral/Live Wire Input

N   L

Model: T6E
Input: 100~240VAC, 50/60Hz
Wi-Fi, Bluetooth, Zigbee

CE   RoHS compliant

3.2 Specifications

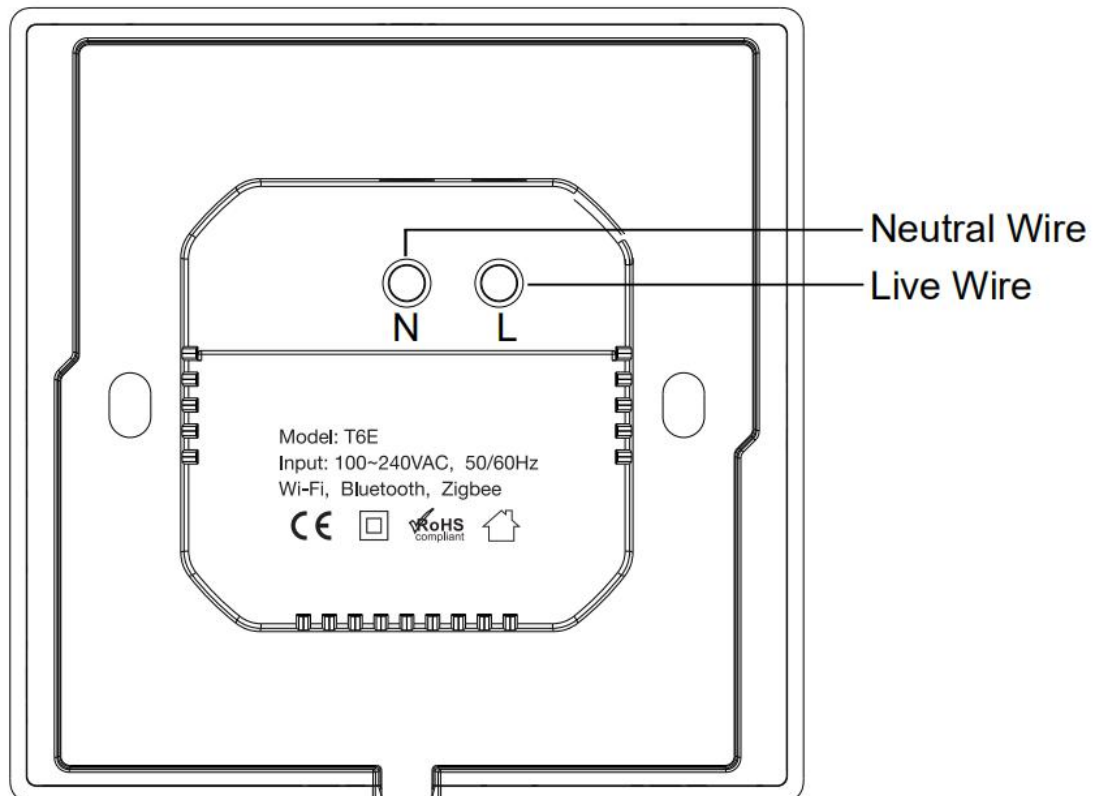| Item	Specifications
Power	100~240VAC,50/60Hz
Wireless Protocols	Wi-Fi,Bluetooth,Zigbee
Working Temperature	0℃~40℃
Working Humidity	5%~90%RH
Product dimensions	86x86x10.5mm (without the base) 86x86x35.75mm (with the base)
Net weight	178g

Chapter 4 Installation instructions

● **Turn off the main power in the electricity box and confirm the fire wire is not alive with a test pencil.**

● **Remove the base of the Smart Switch and install it in the wall box (as shown in the pictures following).**

● **Check the wires and make sure the wires are in good contact with the terminals and no exposed cooper wires.**

● **Fasten the base to the wall box with mounting screws and fix the Smart Switch back to the base.**

● **Note that the screws should not be fixed too tight during installation in case any deformation or damage to the screen and hardware.**

● **If the Smart Switch is not flat after installation, do not press the screen violently, please check the wall box and the base installation at first.**

4.1 Installation drawings

Turn it up with
a flat screwdriver

Install upward
as shown

The Wall

Wall Box

Depth of the wall box should be more than 50mm.

4.2 Wires connection drawing

Neutral Wire
Live Wire

N   L

Model: T6E
Input: 100~240VAC, 50/60Hz
Wi-Fi, Bluetooth, Zigbee

CE □ RoHS compliant

Chapter 5 Operation guideline
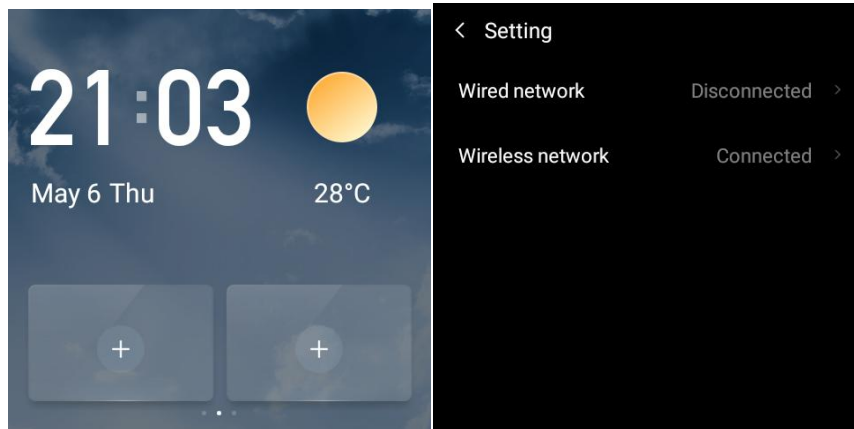
5.1 Safety Notes*****

●The product must be installed by professional electricians.

● Turn off the main power in the electricity box and confirmthe fire

wireisnot alive with a test pencil.

● The product should be kept away from fire and water during installation

and use.

● The product can not be used in moisture circumstances such as

bathroom.

● Please note the product does not support POE power supply. Do not

connect PoE switch to this product which would cause damageto the
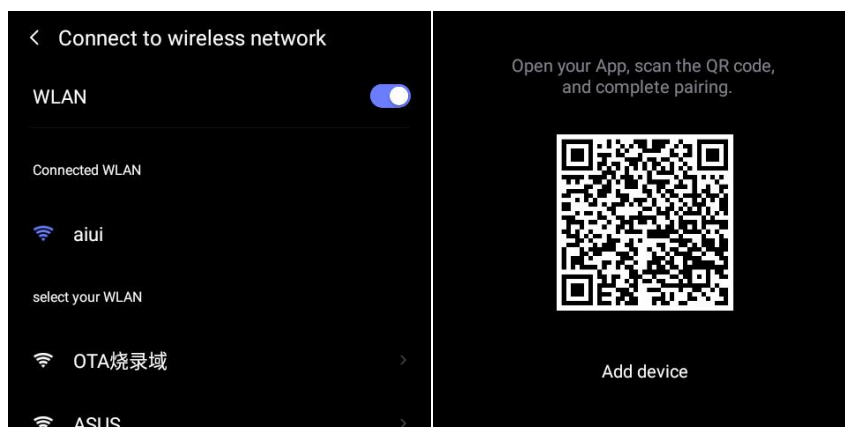
product.

5.2 Operation guideline

*This operation guideline is based on Tuya ZigBee, Tuya

App,Tuya cloud platform and Smatek T6E firmware. If

any other platforms or firmware, please follow their

operation guidelines.

(1) The product will be turned on once you connect it to the
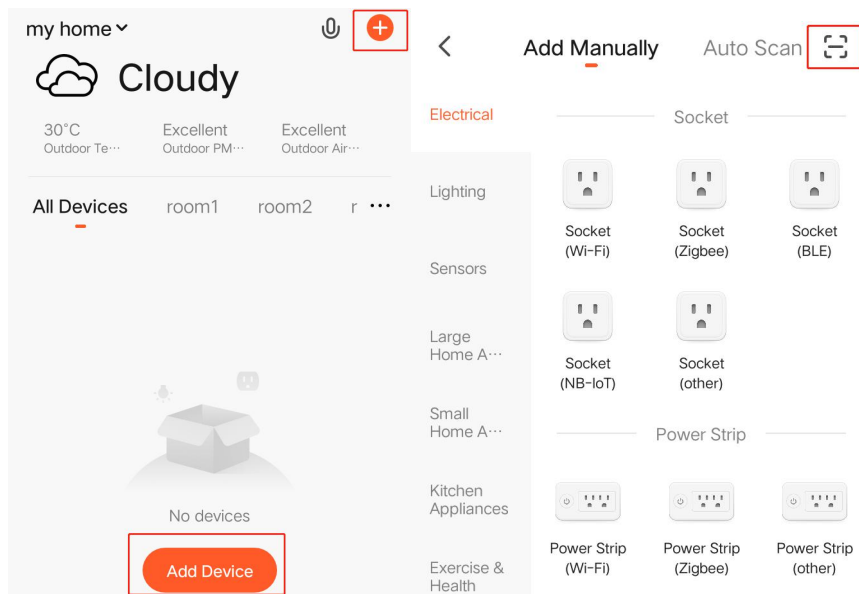
power supply. The product will get to the network settings

when you start it in the first time. You can also get into the network settings from the select menuby dropping down from the top of the LCD screen.
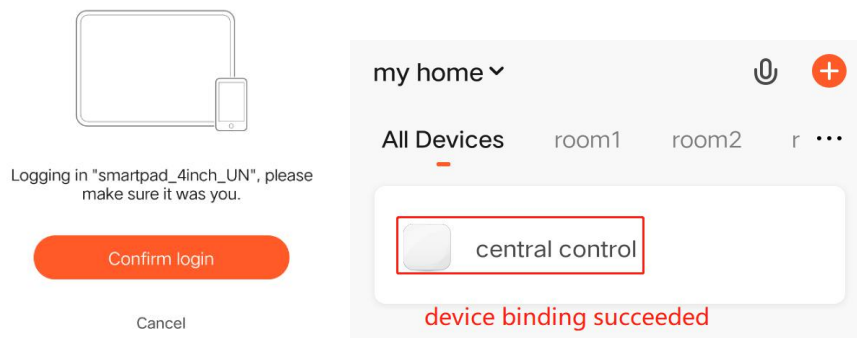

(2) There are two options in the network settings. You can select wireless connection or wire connection. There will be a QR codeshowing on the screen after the network connection is done.
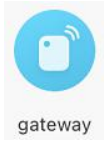

(3) Start the Tuya App in your smart phone, select the " ⊕ " at top right corner in the App home page, and then select the "⬚" at top right corner in the App page.
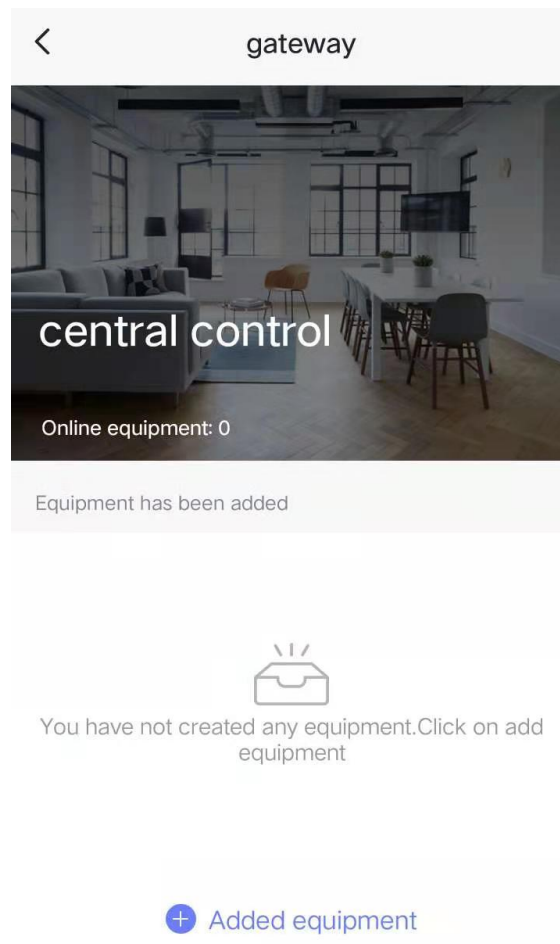
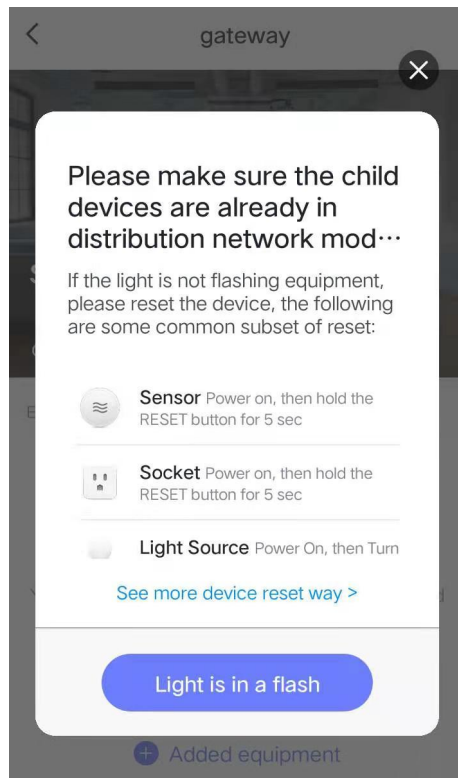(4) Scan the QR code on the screen of the product to add it into the Tuya App.

(5) Get into the product interface in the Tuya App, you will see the gateway icon like gateway . Click the gateway icon to add ZigBee or Wi-Fi sub devices.
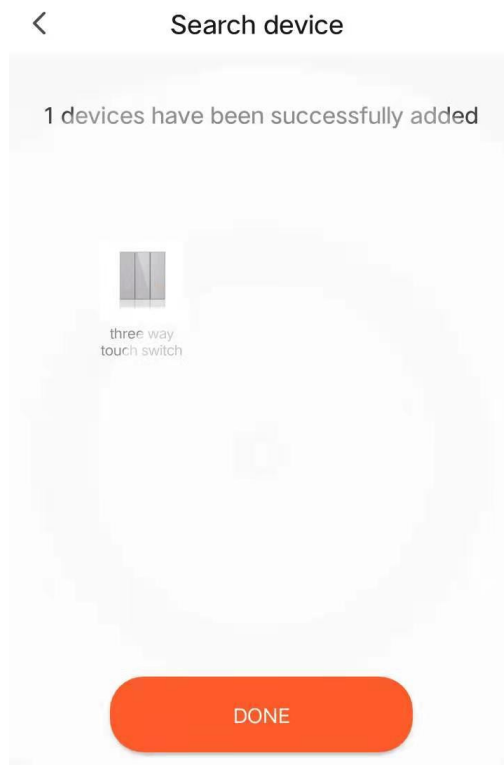
Make sure the ZigBee or Wi-Fi sub devices are in the set-up mode. The gateway will search and add the sub devices automatically. You can follow the user manual of the sub devices to make sure it is in set-up mode. (Usually it is long press the power button or the reset button in 5s, then the LED indication light will flickering which means it is in the set-up mode.)
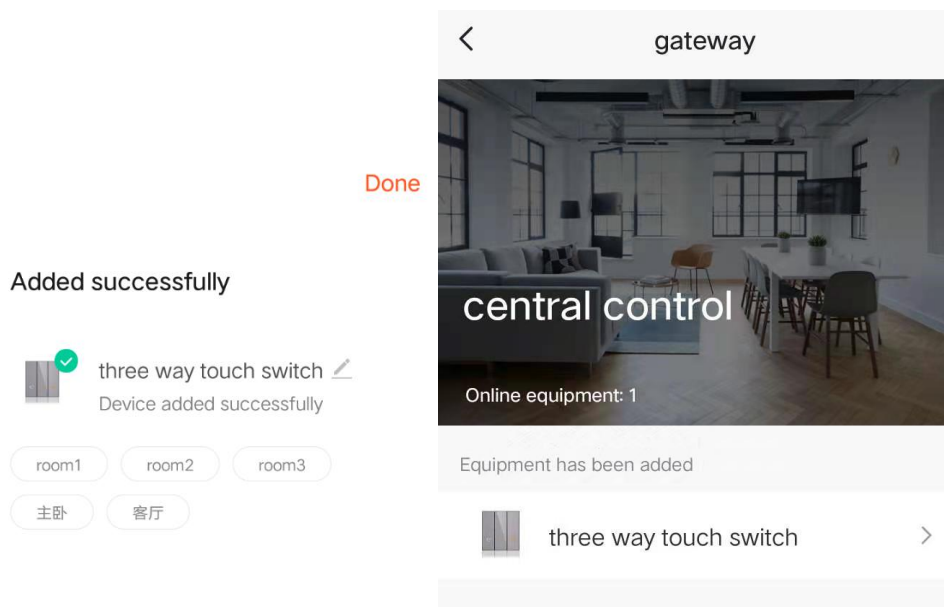
You will see the following pictures in the Tuya App when you are adding sub devices to the gateway. Make sure the sub devices are in the set-up mode and the LED indication light is flickering.

(6) Click the finish button on the App after you add the sub device successfully. For example (2 switches panel) as the following.

Search device

1 devices have been successfully added

three way
touch switch

DONE

(7) You could change the name of the sub devices after they
are added to the gateway successfully.

gateway

Done

Added successfully

central control

Online equipment: 1

three way touch switch ✎
Device added successfully

Equipment has been added

room1   room2   room3

主卧   客厅

three way touch switch   >

(8) You could change the device type by getting into the device interface in the App. It means the switch is off when it is in grey, and the switch is on when it is in green. You could also set up timers(Schedule) for the switches to realize the automation control.

If there is any questions when you add some other sub devices, please contact us for support.

All Devices ▾

three way touch ...

Scene

switch 1 : off

switch 1 : on

homepage

settings

theme

sync

homepage
management

❮ Theme

weather

switch wallpaper according to local weather