4” Smart Control Panel(in-wall) SPEC

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Chapter 1 Product presentation

1.1 Appearance





1.2 Main Features

- Fit Asian 86mm*86mm wall boxes, simple inwall 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, switches, and all other smart home devices. Configure smart home scenes in the APP, turn on whole home scene mode or control single device with one touch on the screen.

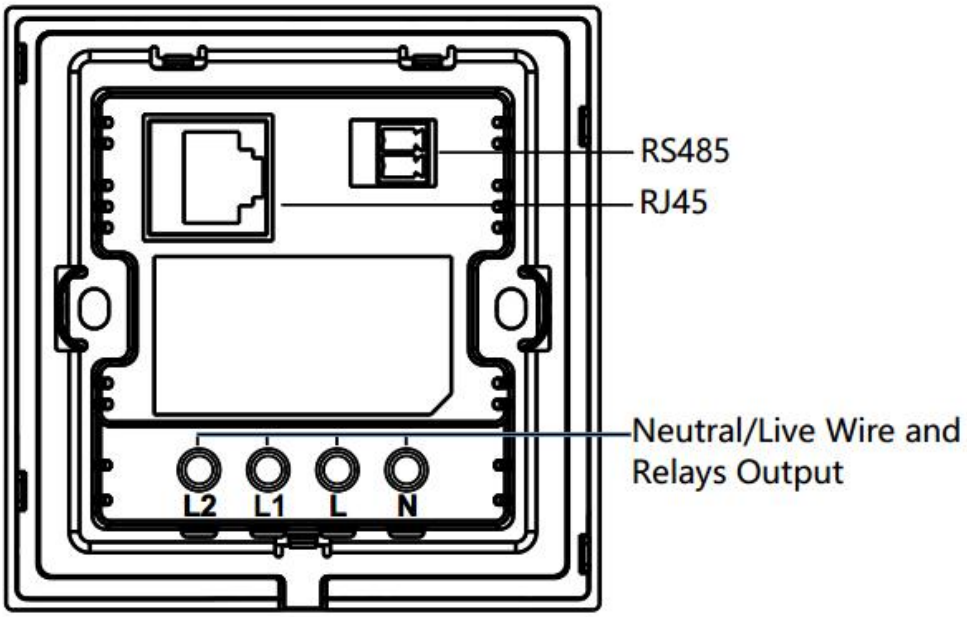
Chapter 2 Product Specifications

Specification			
CPU	PX30 Quad core Cortex-A35	**OS**	Android 8.1
RAM	2GB	**Screen**	4 inch 480*480 Multi-touch
ROM	8GB	**Bluetooth**	BLE4.2 Single point
Ethernet	10M/100M Adaptive Ethernet	**RS485**	Half-duplex 3.81mm terminals
WiFi	802.11b/g/n150Mbps 2.4GHz	**Zigbee**	802.15.4 PHY/MAC Zigbee network protocol stack
Functions			
Voice Wake-up	Does not support voice wake-up.		
Relays	Built in 2 relays which can control 2 switches of the room lights locally.		
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 sockets, lights, air conditioners, curtains, clothes hangers, security cameras, smart sensors,up to 100+ ZigBee sub devices.

Chapter 3 Ports and Specifications

3.1 Interface and ports



1. L & N - Power the panel by live wire and neutral wire
2. L1 - Live wire to output
3. L2 - Live wire to output
4. RS485 Port
5. RJ45 Ethernet Port

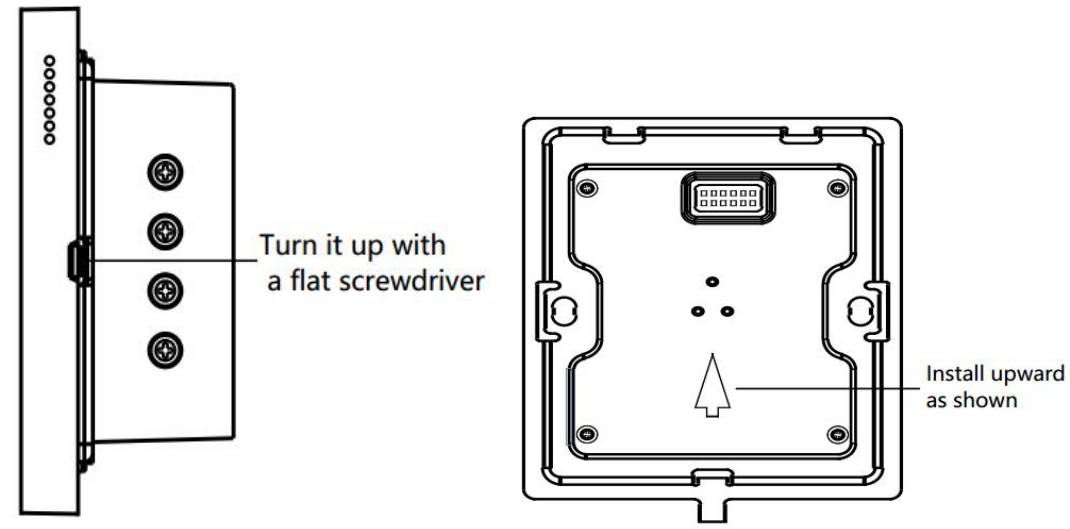
3.2 Specifications

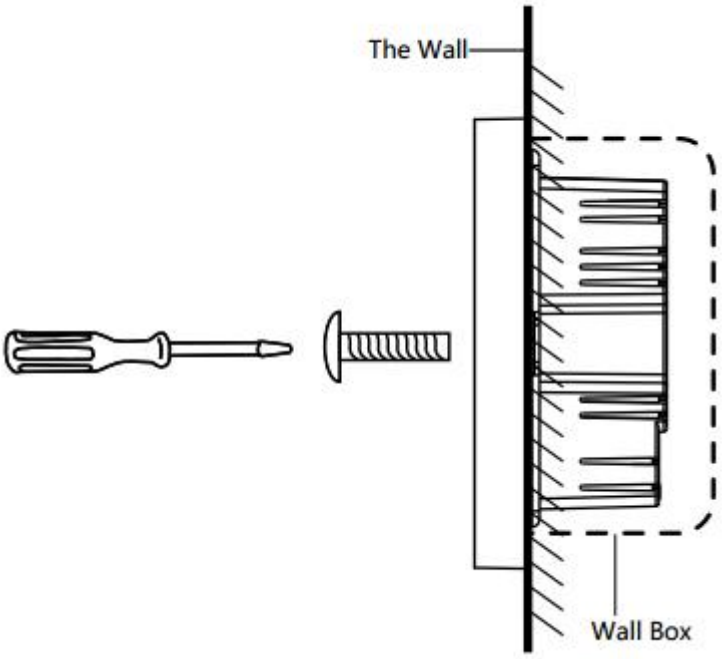
Item	Specifications
Power	100-240VAC, 0.3A, 50/60Hz
Wireless Protocols	Wi-Fi,Bluetooth,Zigbee
Working Temperature	0℃ to +40℃
Working Humidity	5% to 90%RH (Non-condensing)
Product dimensions	86x86x10mm (without the base) 86x86x36.6mm (with the base) 60.9x62.9x24.6mm (back base dimension) Bolt hole spacing 60mm
Net weight	210g

Chapter 4 Installation instructions

- **Turn off the main power in the electricity box and confirm the live wire is not alive with a test pencil.**
- **Remove the base of the smart panel 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 copper wires.**
- **Fasten the base to the wall box with mounting screws and fix the smart panel 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 panel is not flat after installation, do not press the screen violently, please check the wall box and the base installation at first.**

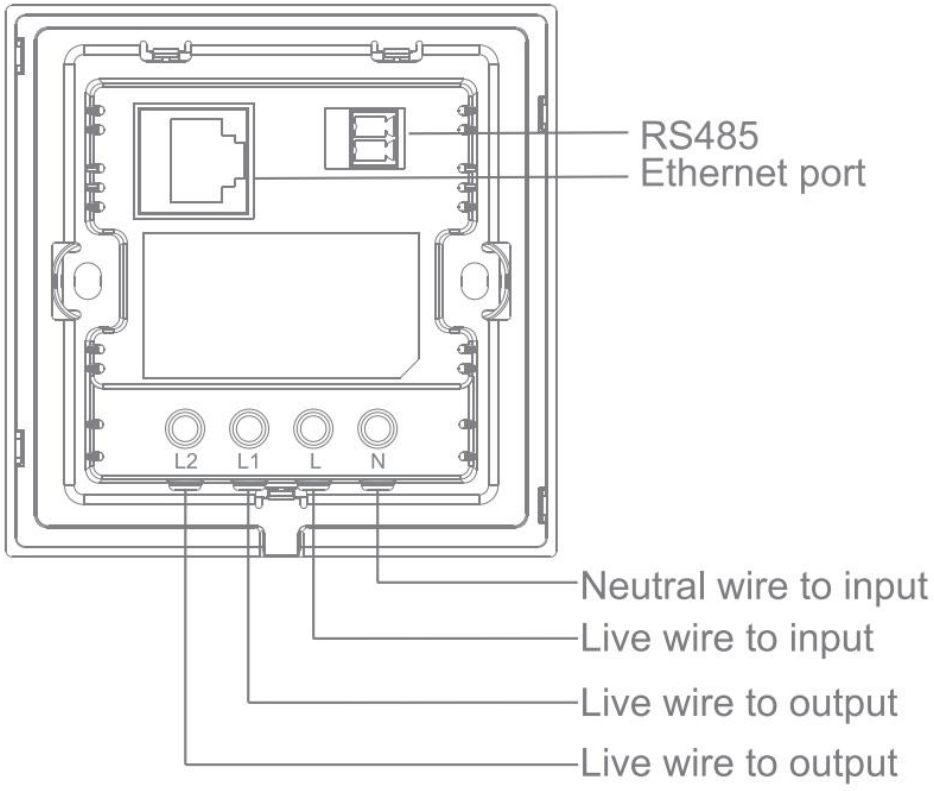
4.1 Installation drawings





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

4.2 Wires connection drawing



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 confirm the live wire is not 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.

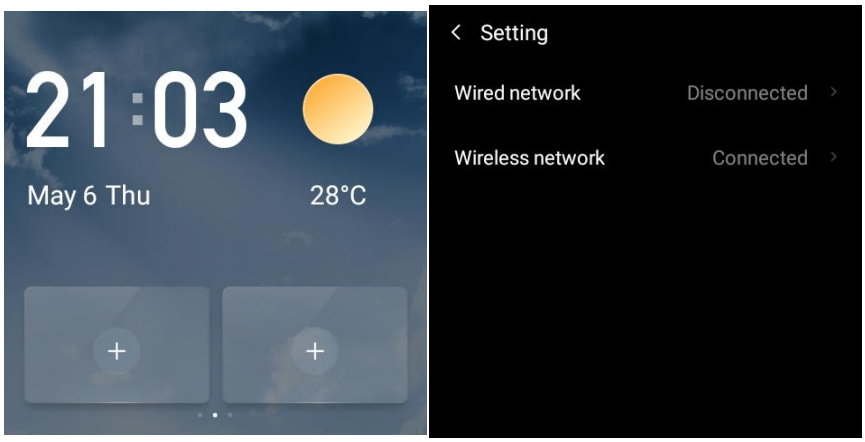
● Please note the product does not support POE power supply. Do not connect PoE switch to this product which would cause damage to the product.

5.2 Operation guideline

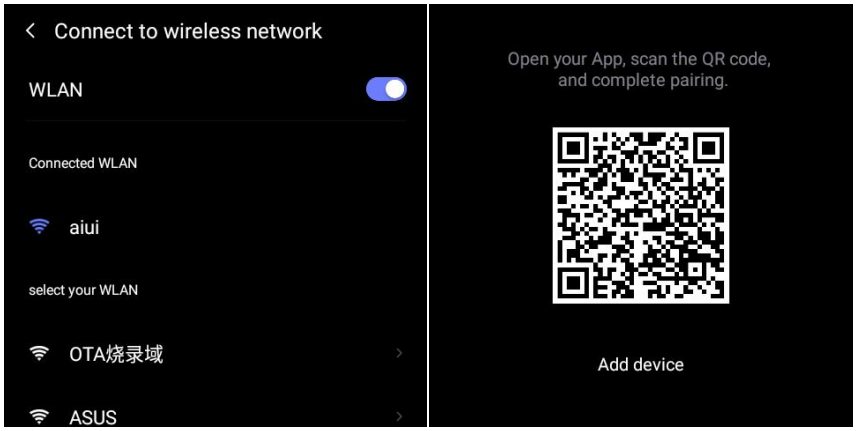
***This operation guideline is based on Tuya ZigBee, Tuya App,Tuya cloud platform and Smatek S6E firmware. If any other platforms or firmware, please follow their operation guidelines.**

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

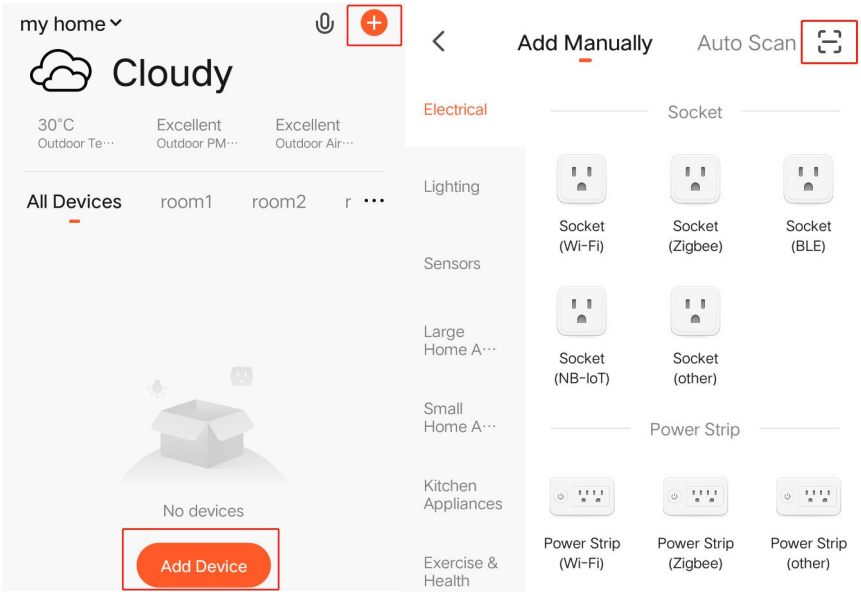
when you start it in the first time. You can also get into the network settings from the select menu by dropping down from the top of the LCD screen.



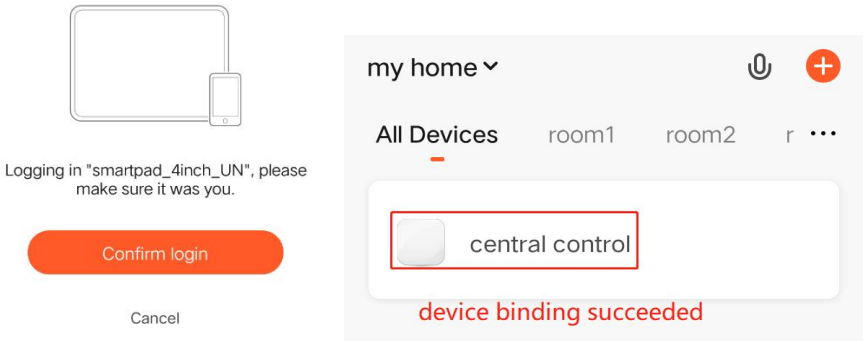
(2) There are two options in the network settings. You can select wireless connection or wire connection. There will be a QR code showing on the screen after the network connection is done.



(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.



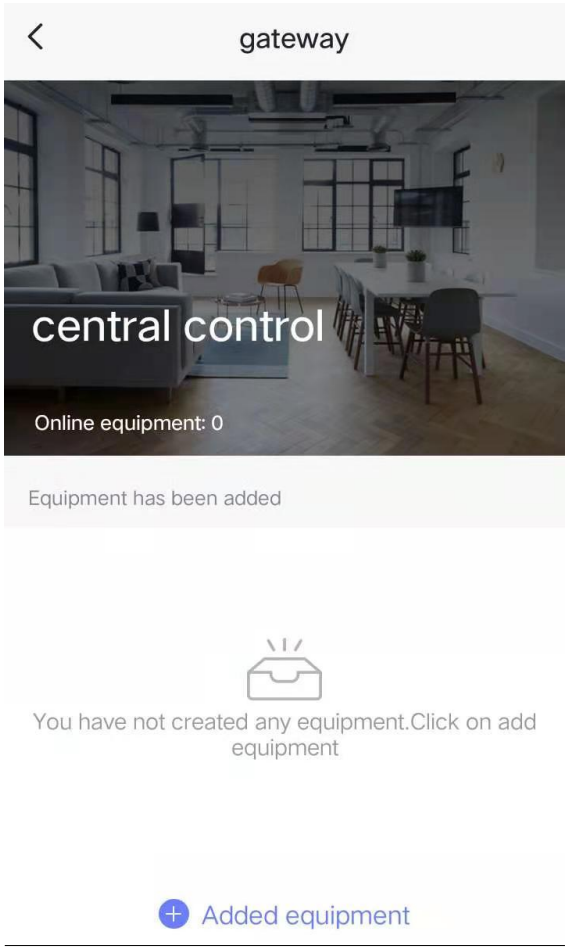
(5) Get into the product interface in the Tuya App, you will see the gateway and switch icons like  and . Click the switch icon to control 2 local switches (load of each switch should be no more than 200W.). It means the switch is off when the icon is in grey, and the switch is on when it is in orange.



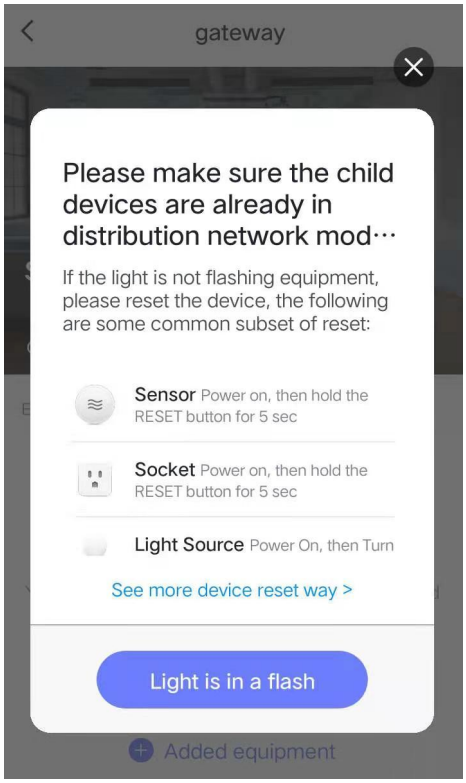
Long press switch 1 or switch 2 to change the name of the switch.

(6) Click the gateway icon to add ZigBee sub devices.

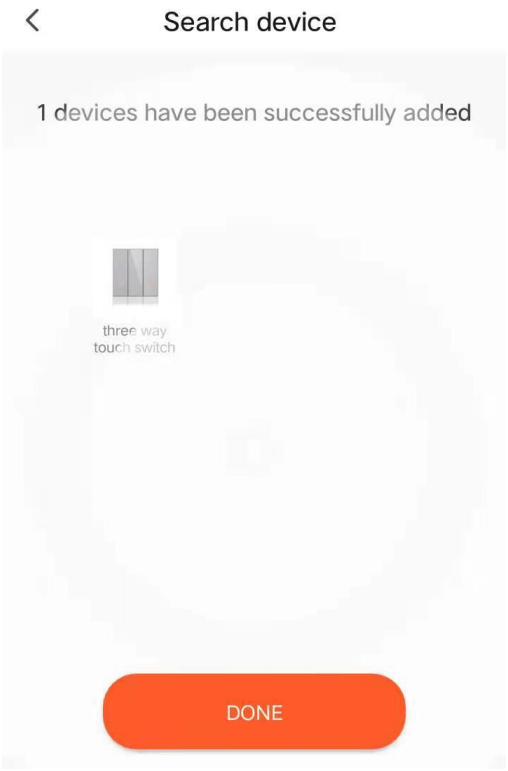
Make sure the ZigBee sub devices are in the set-up mode. The gateway will search and add the sub devices automatically. You can follow the user manual of the sub devices to make sure it is in set-up mode. (Usually it is long press the power button or the reset button in 5s, then the LED indication light will flickering which means it is in the set-up mode.)



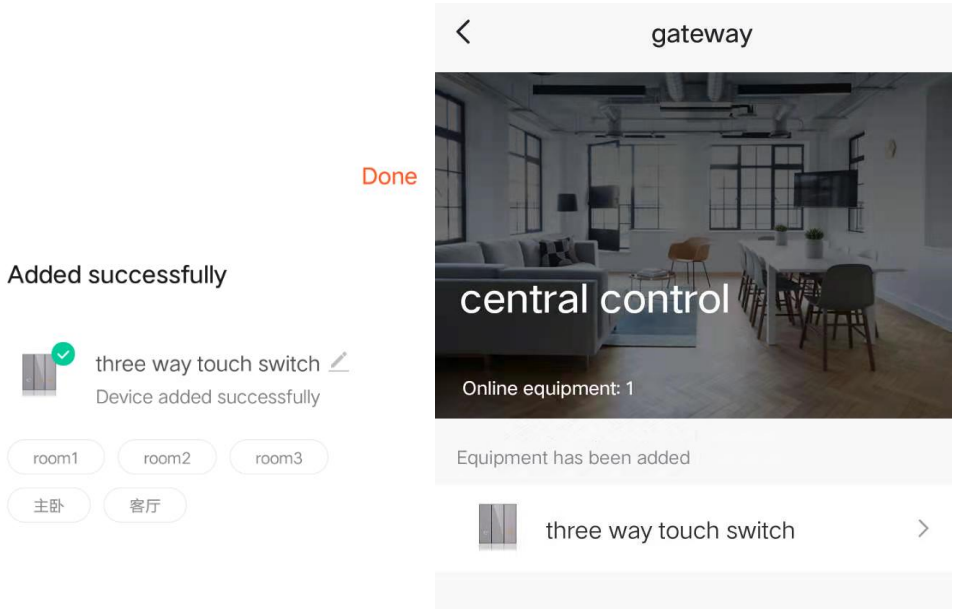
You will see the following pictures in the Tuya App when you are adding sub devices to the gateway. Make sure the sub devices are in the set-up mode and the LED indication light is flickering.



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



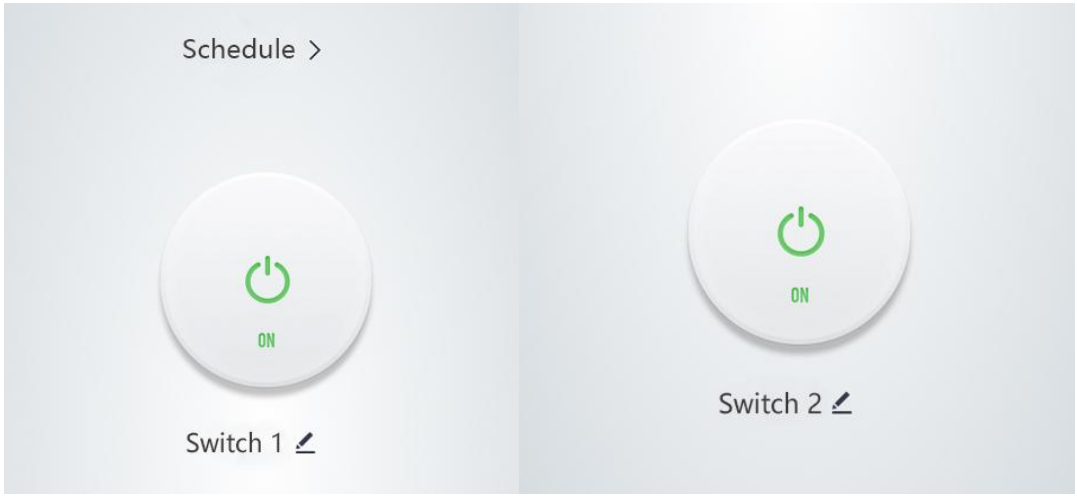
(8) You could change the name of the sub devices after they are added to the gateway successfully.



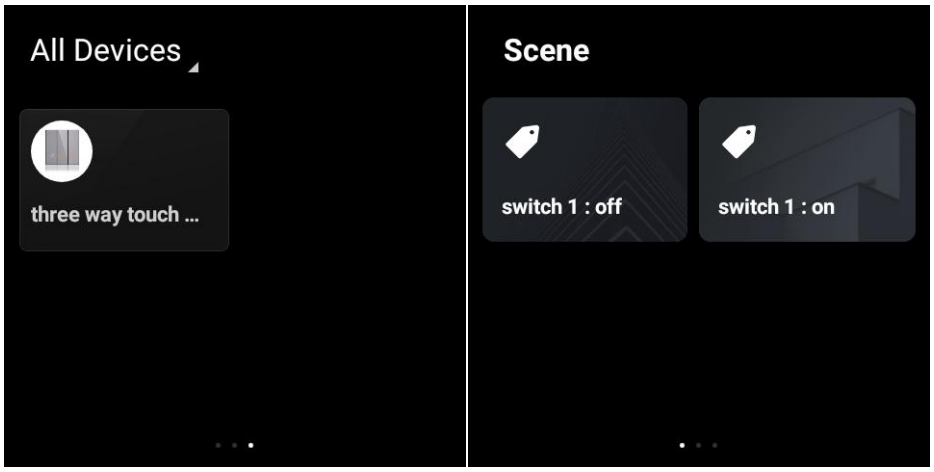
(9) You could change the device type by getting into the

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.

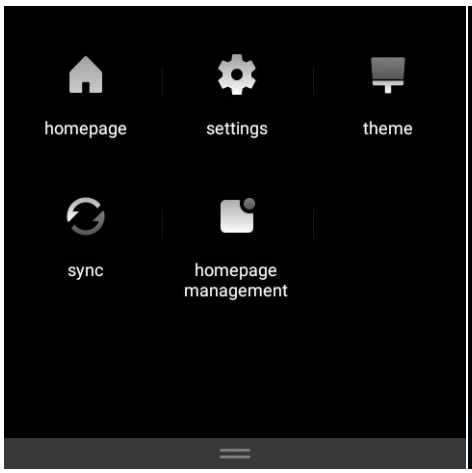


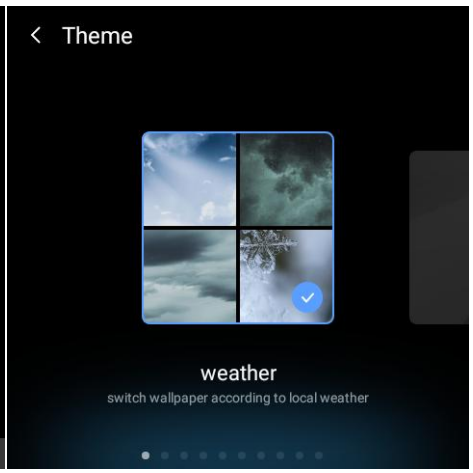


If there is any questions when you add some other sub devices, please contact us for support.


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