

10" Super Smart Multi-functional Control Panel(in-wall) SPEC

Ver.	Description	Creator	Date
V1.2	First edition	Engineer Department	June-13-2023

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Chapter 1 Product presentation

1.1 Appearance



1.2 Main Features

- Fit Asian 86mm*86mm wall boxes, simple inwall installation.
- 10.1-inch HD LCD, IPS, multi touch screen, quadruple microphone with noise reduction, built in 2 x 2W speakers, light sensor, radar sensor, temperature and humidity sensor.
- 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.

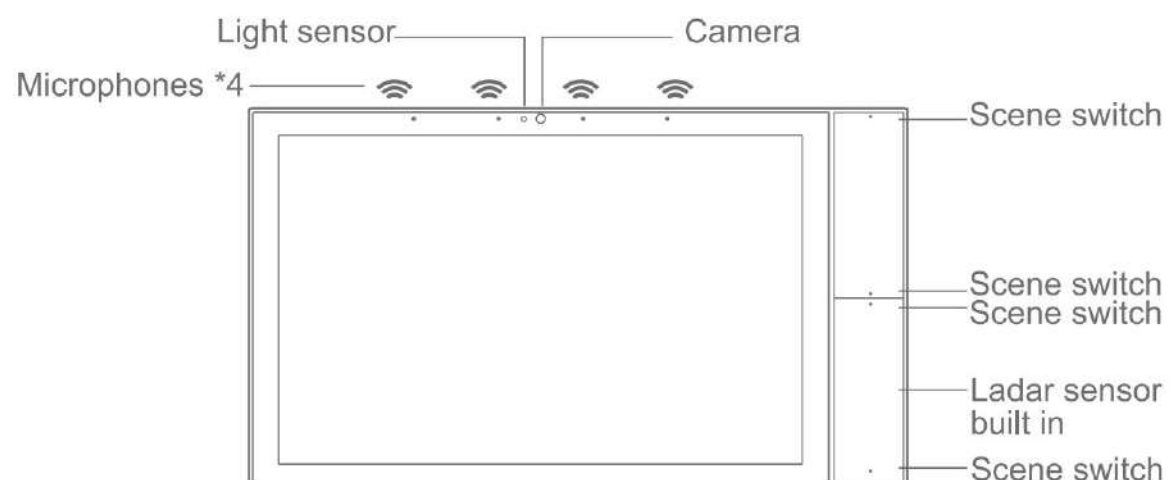
Chapter 2 Product Specifications

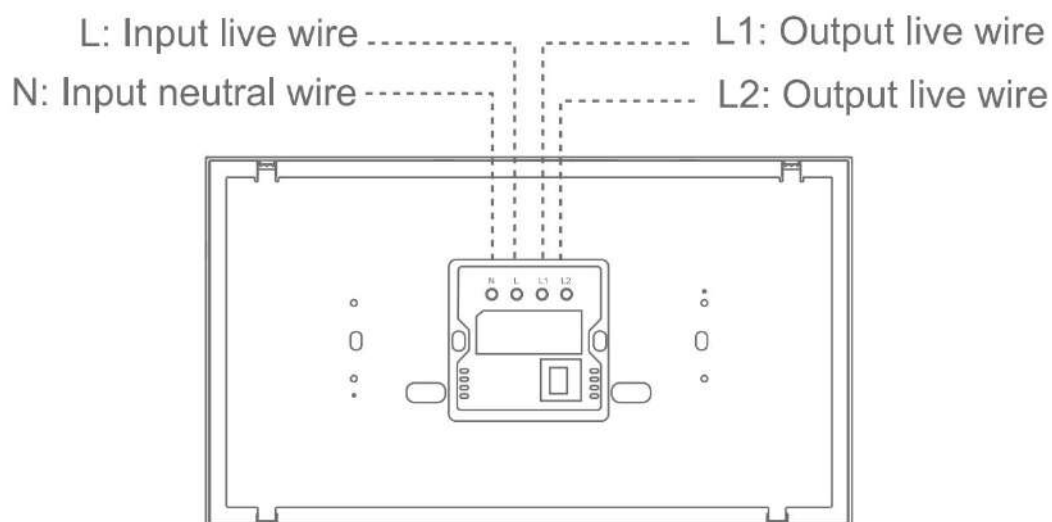
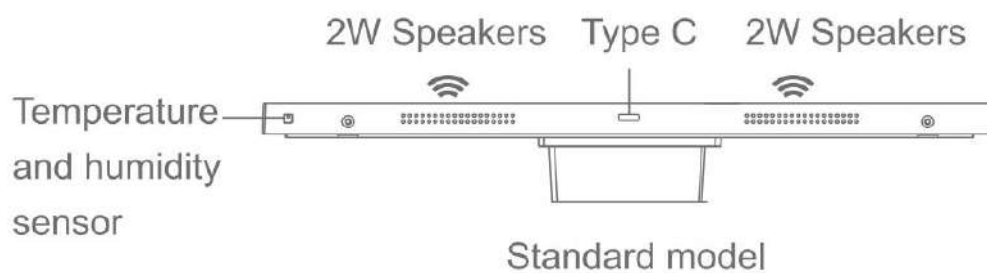
Specification			
CPU	RK3566B Quad core Cortex-A35	OS	Android 11
RAM	2GB	Screen	10.1 Inch (1920*1200) G+FF Crafted Multi Touch Anti-fingerprint Coating
ROM	16GB	Bluetooth	BLE 5.0 Single point
Ethernet	10M/100M Adaptive Ethernet RJ45	Material	PC
WiFi	5G/2.4G (IEEE802.11b/g/n)	Zigbee	802.15.4 PHY/MAC Zigbee network protocol stack (Zigbee 3.0)
Temperature	Measurement range of temperature: 0%-99%RH	Humidity	Measurement range of humidity : 0°C to +60°C
Ports	USB Type-C port, RJ 45	Built-in Sensors	Temperature and humidity sensor, light sensor, radar sensor
Functions			
Gateway	Built-in Tuya Zigbee and support custom zigbee.		

Relays	Built in 2 relays (200W Each) which can control 2 switches of the room lights locally.
Music play	Built in 2*2W Mono speakers, users can custom their 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





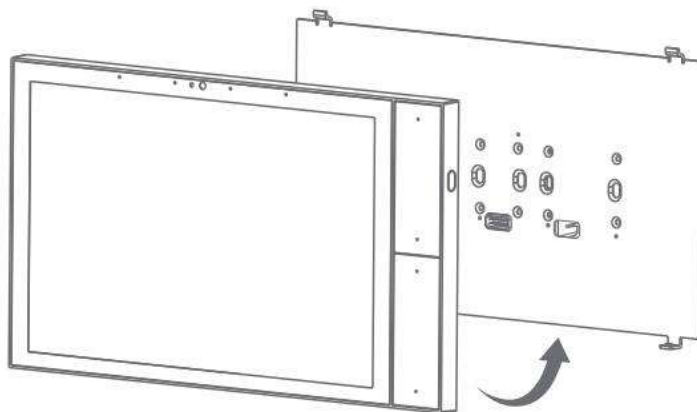
3.2 Specifications

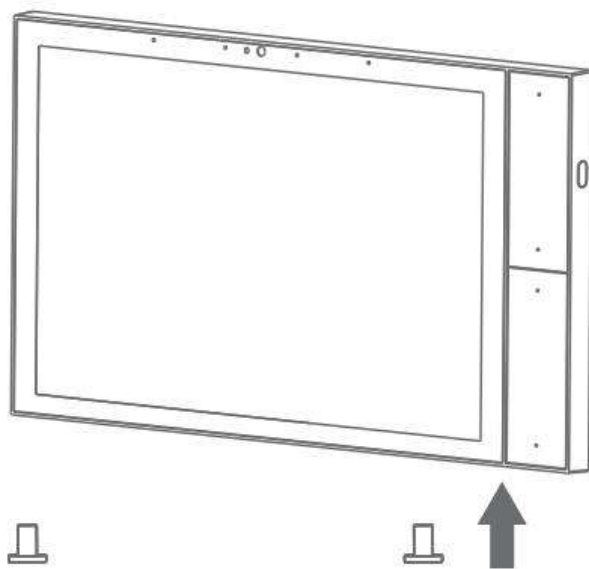
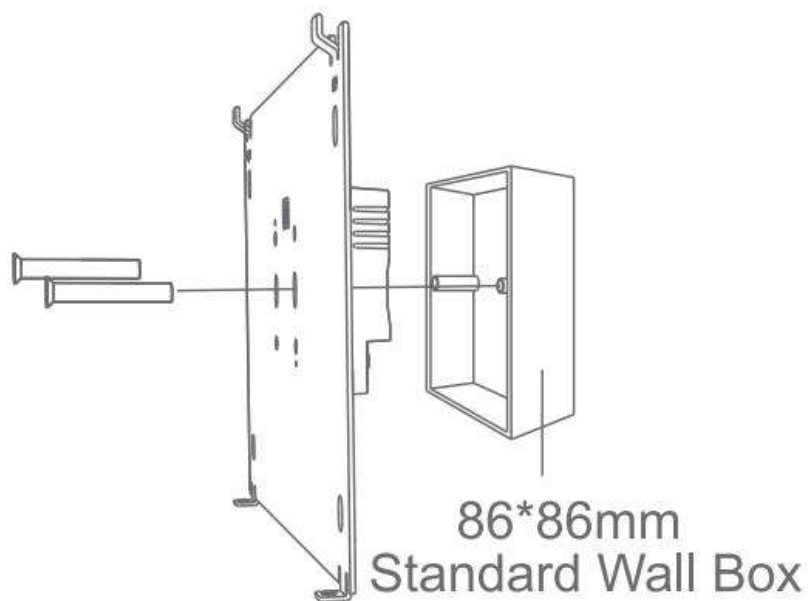
Item	Specifications
Product Name	Super Smart Multi-functional Control Panel
Product Model	S9E
Input Power	100-240VAC, 0.3A, 50/60Hz
Working Temperature	0°C to +40°C
Working Humidity	5% to 90%RH(Non-condensing)
Wireless Protocol	Wi-Fi, Bluetooth, Zigbee
Product dimensions	272x155x38mm (with the base) 272x155x11.5mm (without the base Outside the wall) 68x68x26.25mm (back base dimension) 60mm (bolt hole spacing)
Net weight	About 961g

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 your 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





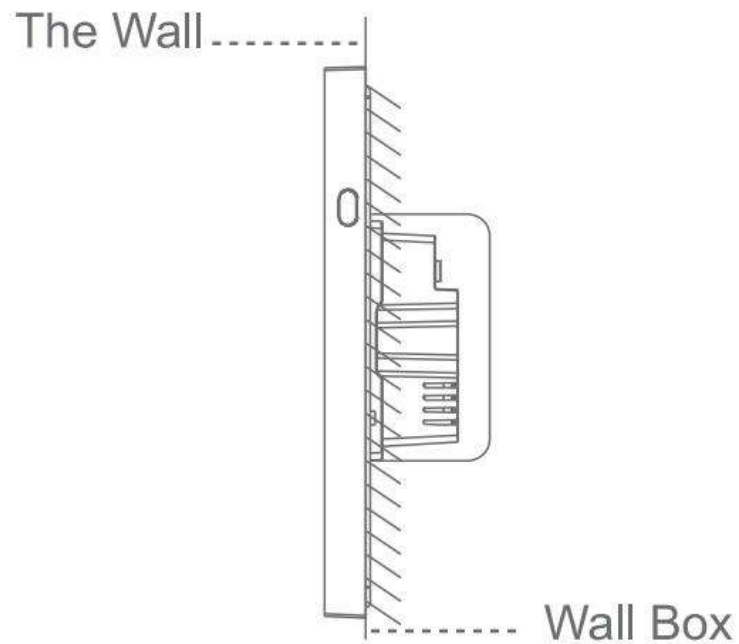
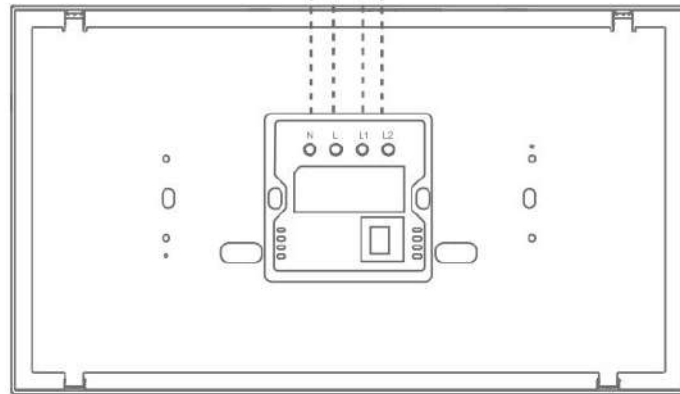
Note: Make sure the circuit power were cut off before wire connections!

Circuit breaker used as disconnected device shall be incorporated in the electrical installation of the building.

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

4.2 Wires connection drawing

L: Input live wire
N: Input neutral wire
L1: Output live wire
L2: Output live wire



Chapter 5 Operation guideline

5.1 Safety Notes*****

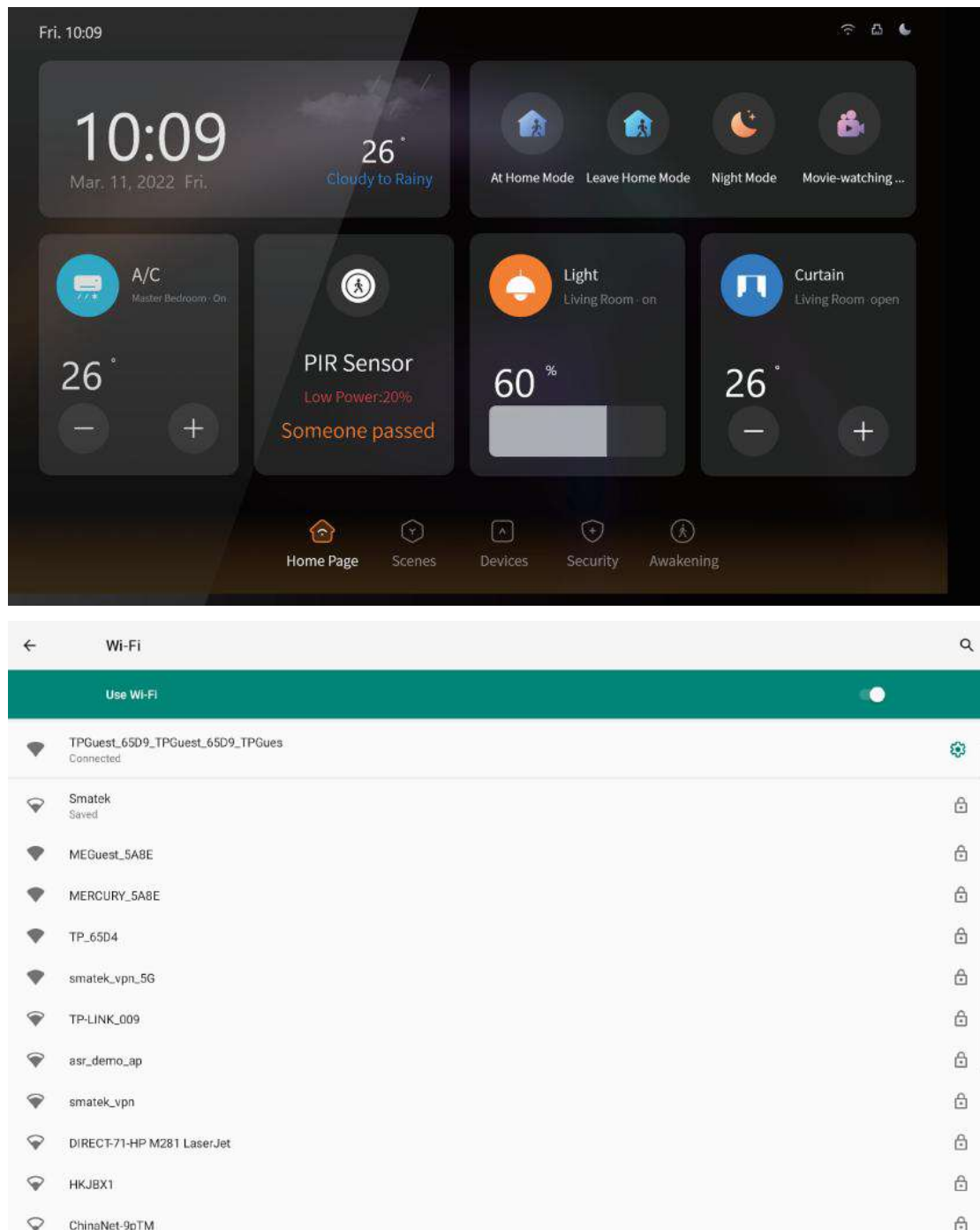
- This product must be installed by professional electricians.
- Turn off the main power in the electricity box and confirm the live wire is not alive with a test pencil.
- This product should be kept away from fire and water during installation and use.
- This product can not be used in moisture circumstances such as bathroom.
- Please note that this product doesn't support PoE, please do not plug the PoE network cable into ethernet port to avoid burning damage.

5.2 Operation guideline

***This operation guideline is based on Tuya ZigBee, Tuya App, Tuya cloud platform and Smatek S9E firmware. If any other platforms or firmware, please follow their operation guidelines.**

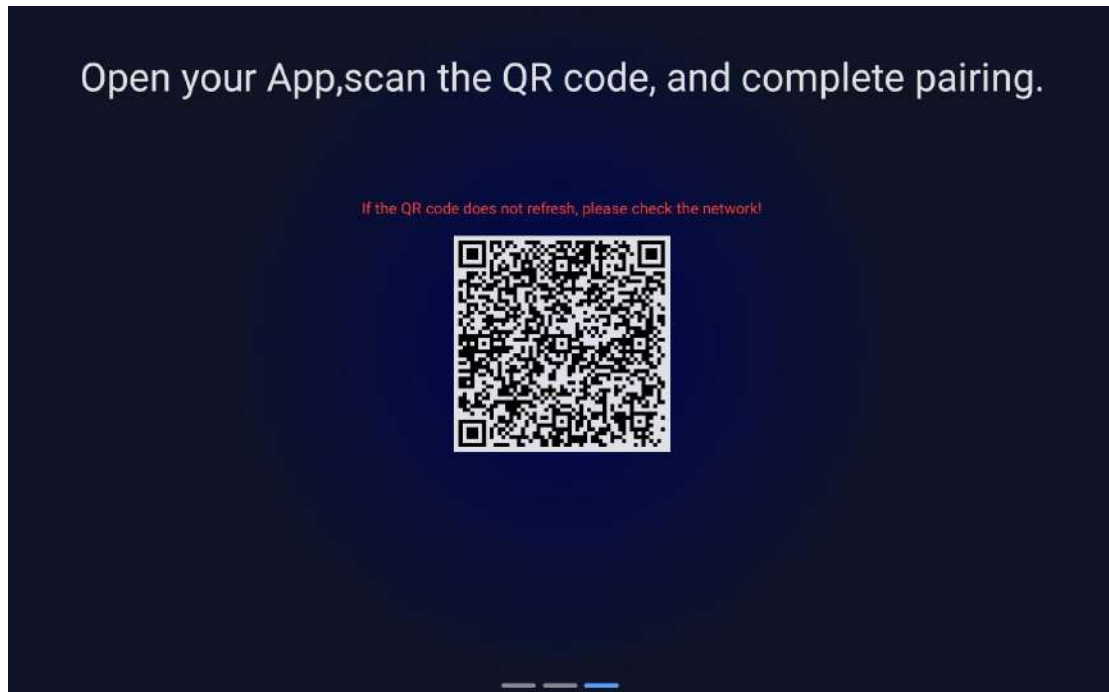
(1) The product will be turned on once you connect it to the power supply. The product will get to the network settings

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.

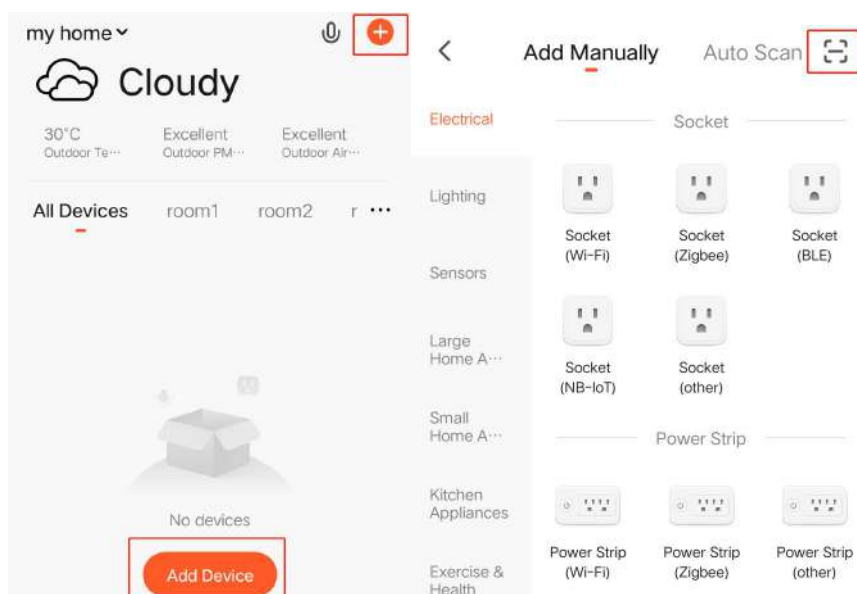


(2) There are two options in the network settings. You can select wireless connection or wired connection. There will be a

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. You will find a 10" panel icon in your App.



(5) Enter the panel 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 for lamps 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.



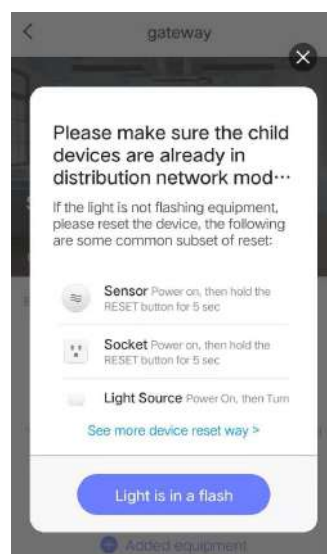
Long press switch 1 or switch 2 to change the name of the switch.

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

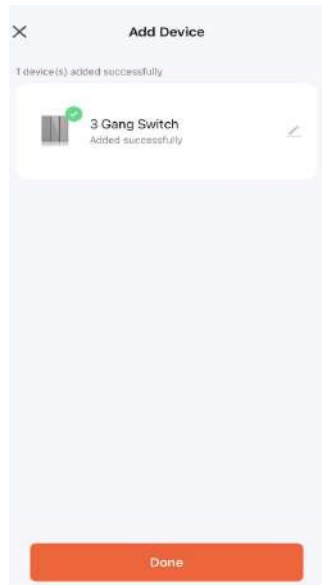
Make sure the ZigBee sub devices are in the set-up mode.

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 flickering which means it is in the set-up mode.)

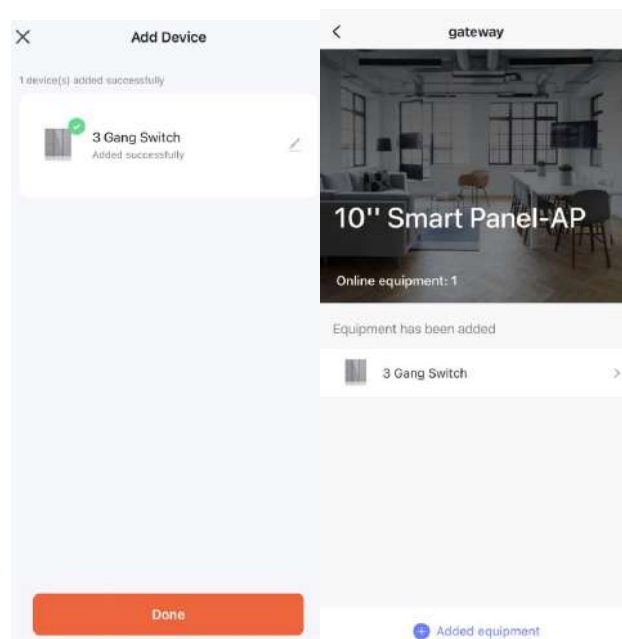
You will see the following pictures in the Tuya App when you are adding sub devices to the gateway. Make sure the sub devices are in the set-up mode and the LED indication light is flickering.



(7) Click the Done button on the App after you add the sub device successfully. For example (3 Gang Switch) as the following.



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



Drop down - sync to have devices and scenes sync to panel.



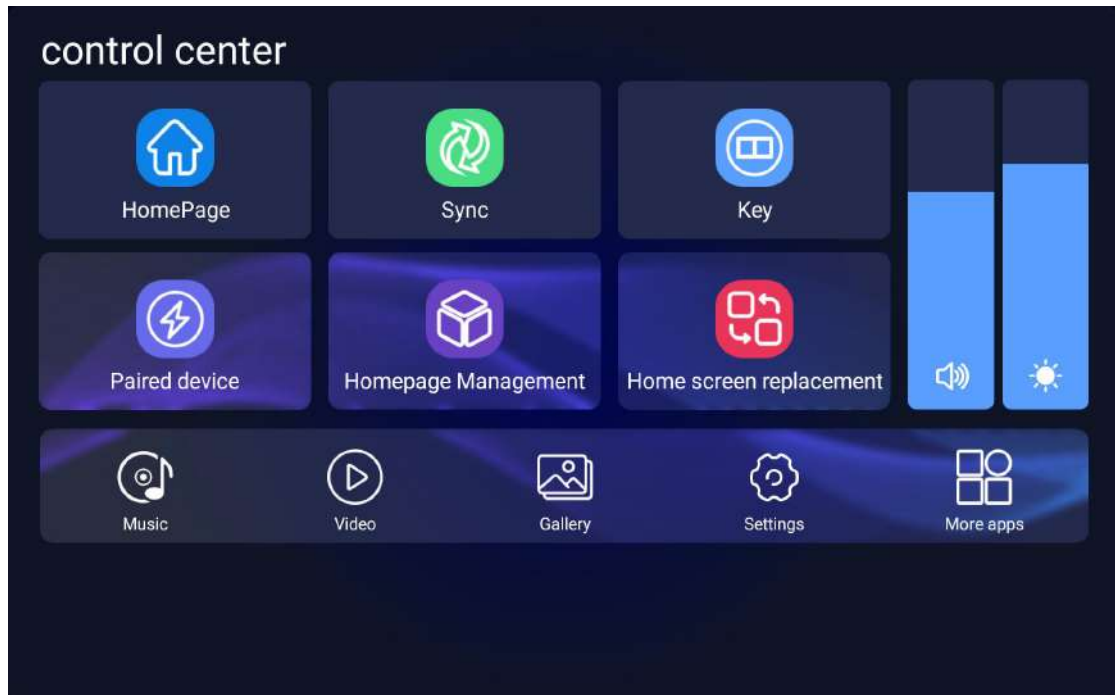
(9) You could change the device type by getting into the device interface in the App. It means the switch is off when it is in grey, and the switch is on when it is in green. You could also set up timers(Schedule) for the switches to realize the automation control.





(10) If you want to add your devices faster, click the “+” and then select the “” to add corresponding devices manually, finally drop down the list on panel and click “sync” to stay sync with App.





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

