

# 8" Smart Multi-functional Knob Panel(in-wall) SPEC

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





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# Chapter 1 Product presentation

## 1.1 Appearance



## 1.2 Main Features

- With **optional Asian | EU | US back base, one design for global users**, simple inwall installations.
- 8-inch HD LCD, IPS, multi touch screen, double microphones with noise reduction, built in 2 x 1W speakers, light 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.

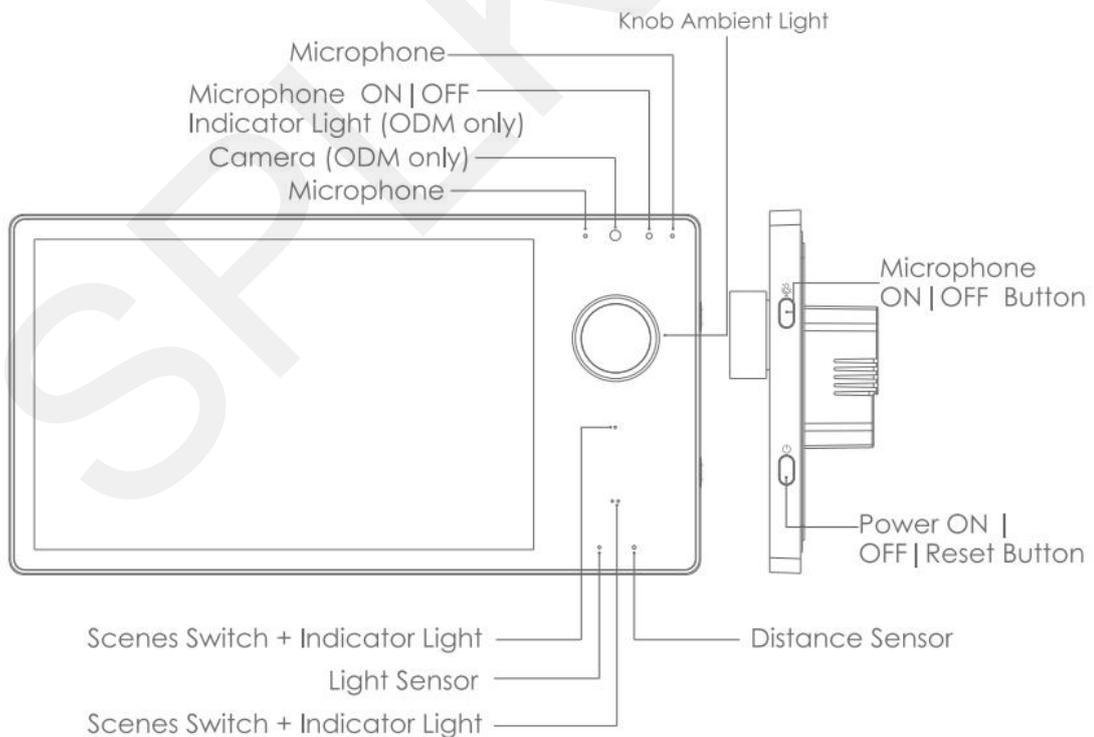
## Chapter 2 Product Specifications

Specification			
<b>CPU</b>	RK3326S Quad core Cortex-A35	<b>OS</b>	Android 11
<b>RAM</b>	2GB	<b>Screen</b>	8 Inch (800*1280) Multi-Touch Screen
<b>ROM</b>	16GB	<b>Bluetooth</b>	BLE 5.2 Single point
<b>WiFi</b>	2.4G/5G ( IEEE802.11a/b/g/n/ac/ax)	<b>Zigbee</b>	Zigbee 3.0
<b>Relay</b>	2 Circuits (200W Each)	<b>Key</b>	Scene Switch*2 with indicator lights
<b>Ports</b>	USB Type-C port	<b>Push Button</b>	On   OFF   RESET all in one button
Functions			
<b>Voice Control</b>	T8E supports voice assistants like Amazon Alexa, Google Assistants.		
<b>Gateway Relays</b>	Built-in Tuya Zigbee and support custom zigbee. Built in 2 relays (200W Each) which can control 2 switches of the room lights locally.		
<b>Music play</b>	Built in 2*1W Mono speakers, users can custom their local		

	music source play, online music sources optional.
<b>Light sensor</b>	Automatically adjust the screen brightness according to surroundings.
<p><b>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.</b></p>	

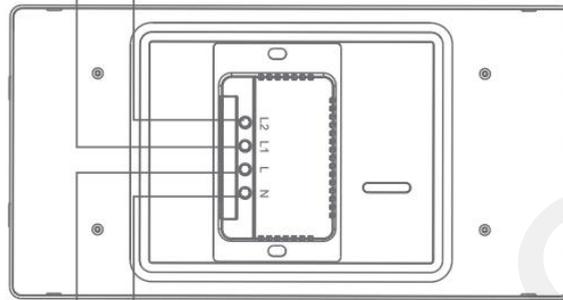
## Chapter 3 Ports and Specifications

### 3.1 Interface and ports



### Option 1 - US Back Base

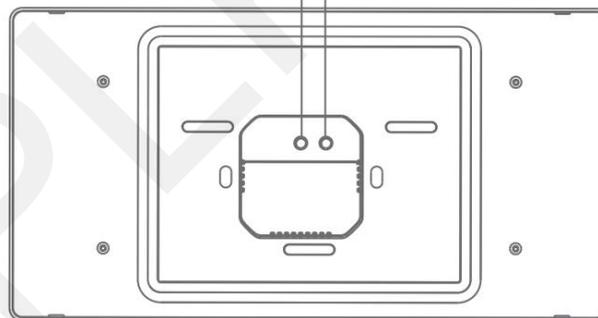
L1: Output live wire      L2: Output live wire



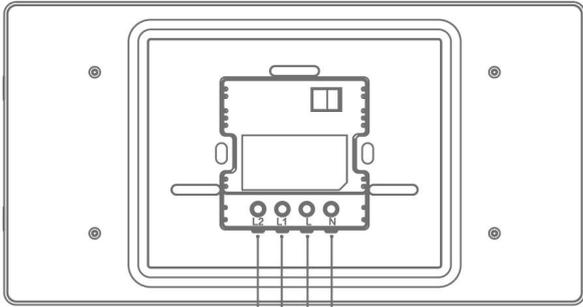
L: Input live wire      N: Input neutral wire

### Option 2 - EU | UK | UAE Back Base

N: Input neutral wire      L: Input live wire



### Option 3 - Asian Back Base



L2: Output live wire

L1: Output live wire

N: Input neutral wire

L: Input live wire

SPLKtech

## 3.2 Specifications

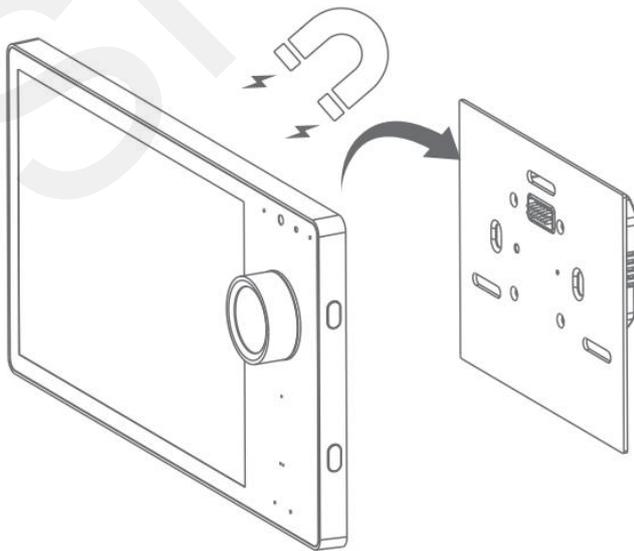
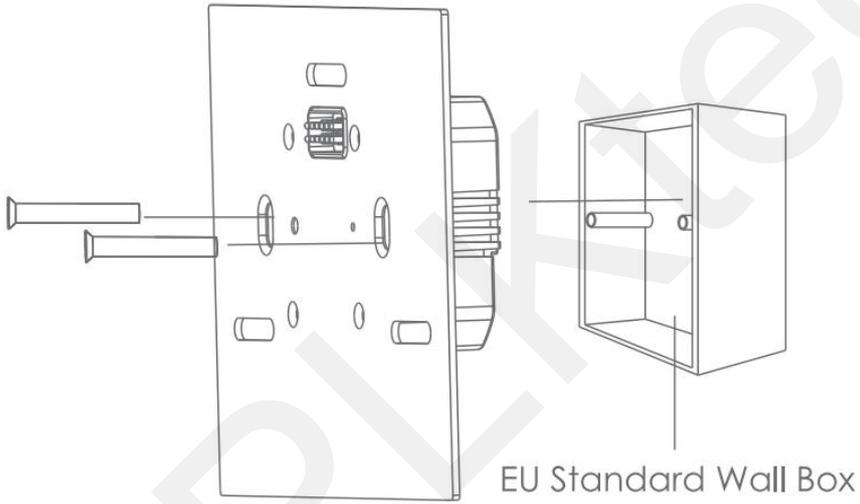
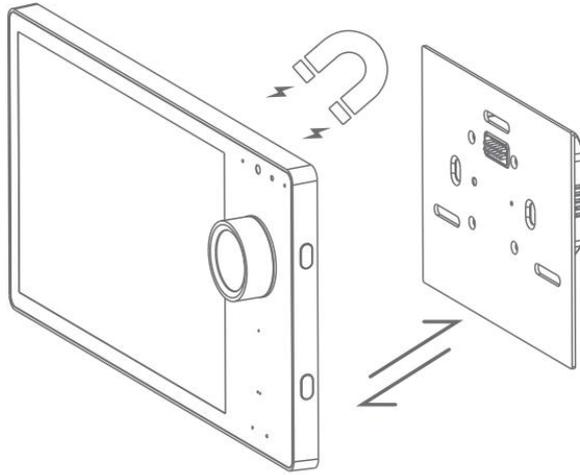
Item	Specifications
<b>Product Name</b>	8" Smart Multi-functional Knob Panel
<b>Product Model</b>	T8E
<b>Input Power</b>	100-240VAC, 50/60Hz
<b>Working Temperature</b>	0°C to +40°C
<b>Working Humidity</b>	5% to 90%RH(Non-condensing)
<b>Wireless Protocol</b>	Wi-Fi, Bluetooth, Zigbee
<b>Product dimensions</b>	1, T8E-AS :238.4x125x36.4mm(With the back base), 2, T8E-US : 238.4 x 125 x 35.9mm (With the back base) 3, T8E-EU :238.4 x 125 x 37mm (With the back base) 4, Shared Dimensions: 238.4 x 125 x 10.6mm (Without the back base)
<b>Net weight</b>	About 772g

## **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.**
- **Check the wires and make sure the wires are in good contact with the terminals and no exposed copper wires.**
- **Separate the back base from panel by built-in magnetic force (as shown in the pictures following).**
- **Connect the live wire to terminal L and neutral wire to terminal N.**
- **Fasten the base to the wall box with mounting screws and fix the smart panel back to the base by built-in magnetic force.**
- **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**

**(Taken EU wall boxes installation as an example.)**



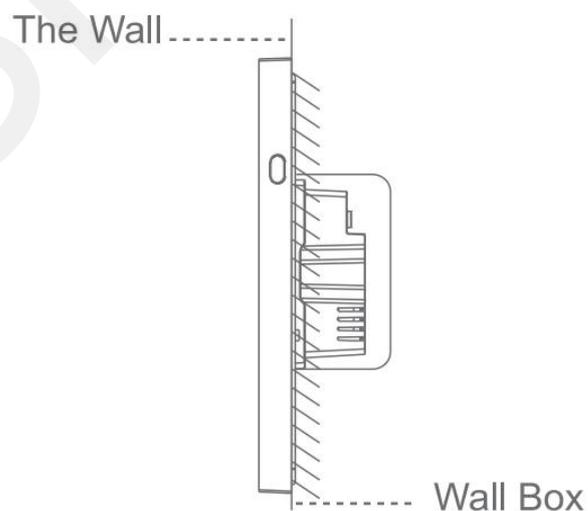
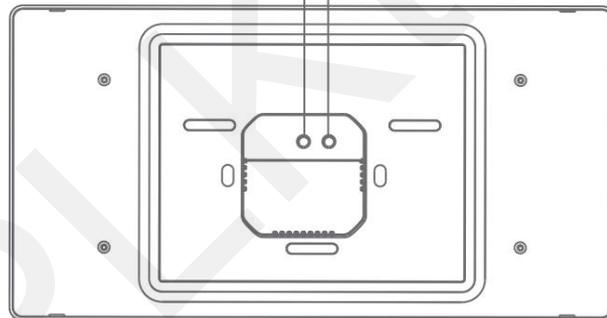
**Note: Make sure the circuit power were cut off before wire connections!**

**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

N: Input neutral wire ————— L: Input live wire



## Chapter 5 Operation guideline

### 5.1 Safety Notes\*\*\*\*\*

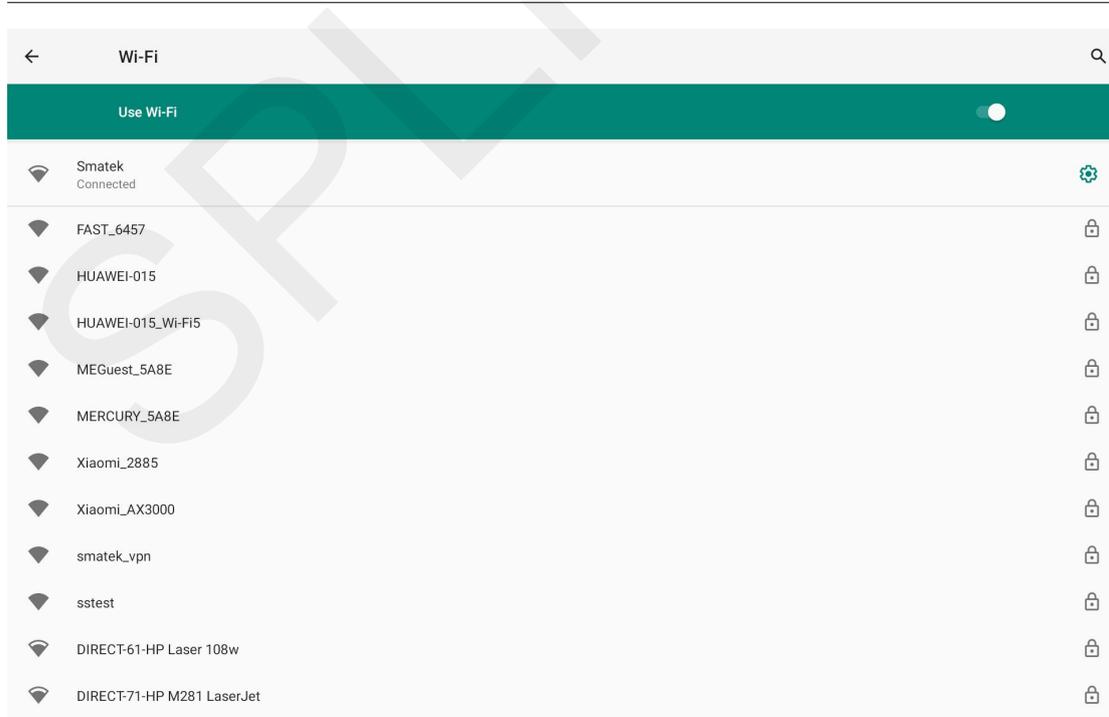
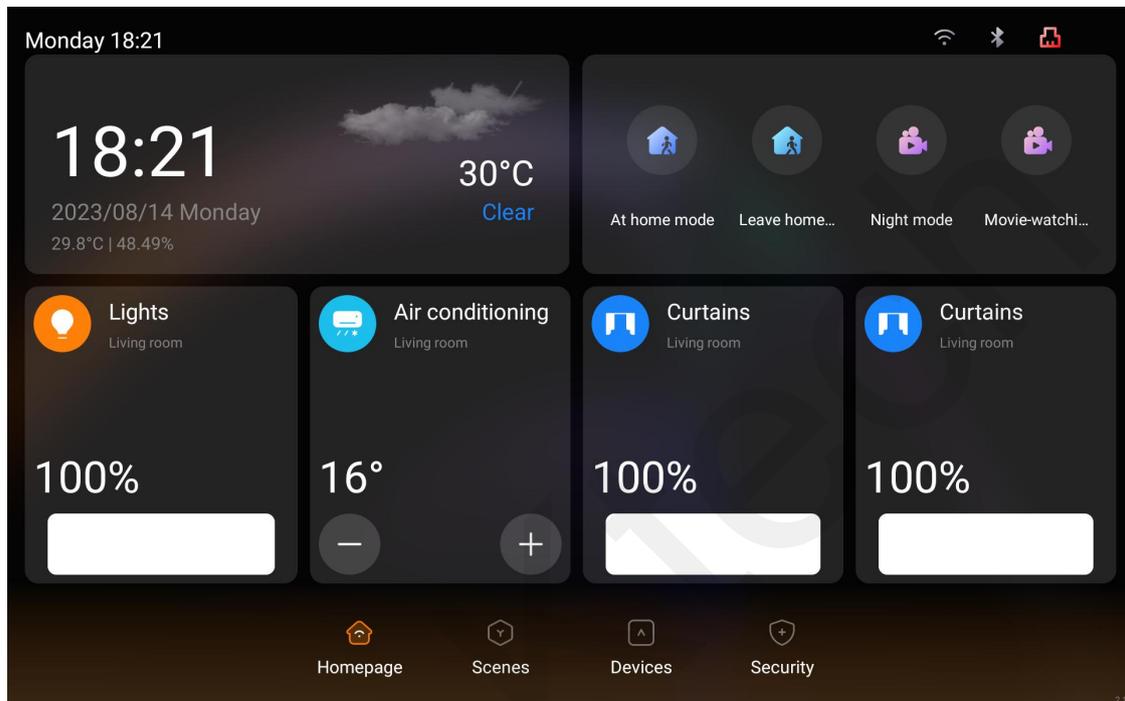
- This product must be installed by professional electricians.
- Turn off the main power in the electricity box and confirm the live wire is not alive with a test pencil, and this product should be kept away from fire and water during installation and use.
- This product can not be used in moisture circumstances such as bathroom.

### 5.2 Operation guideline

**\*This operation guideline is based on Tuya ZigBee, Tuya App, Tuya cloud platform and Smatek T8E firmware. If any other platforms or firmware, please follow their operation guidelines.**

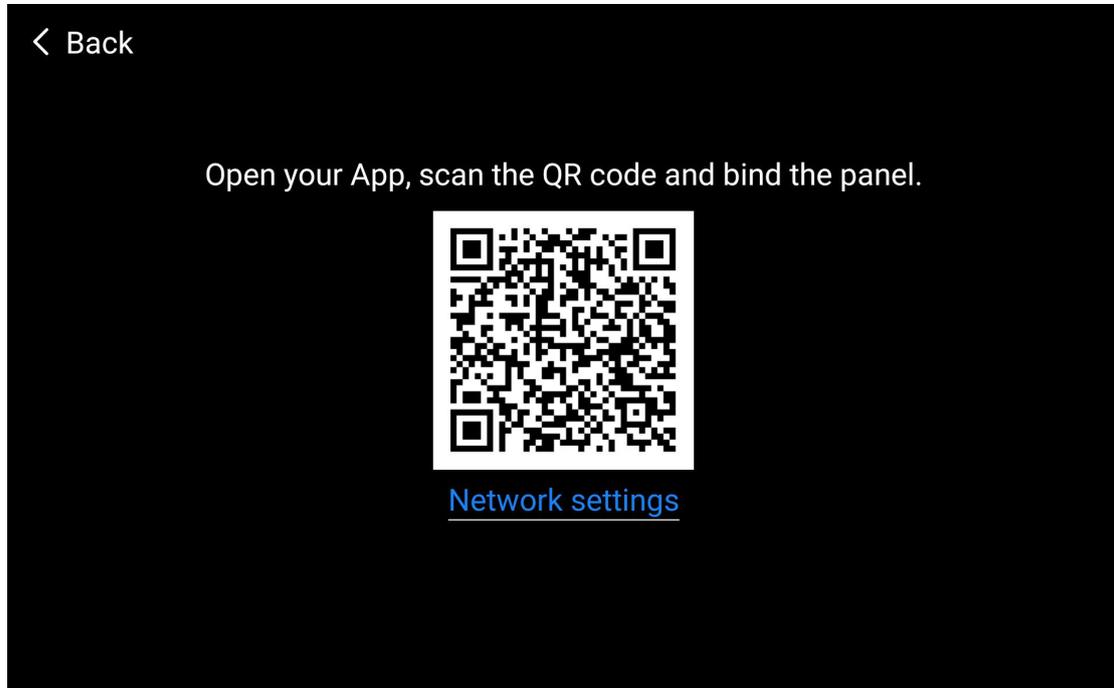
(1) The product will be turned on once you connect it to the power supply. The product will get to the network settings

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

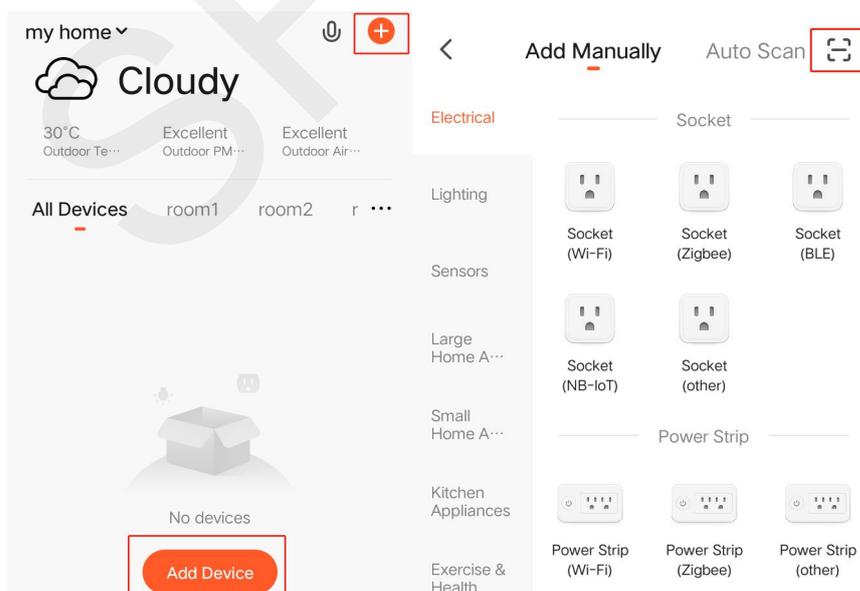


(2)There is a wireless wifi connection in the network settings.

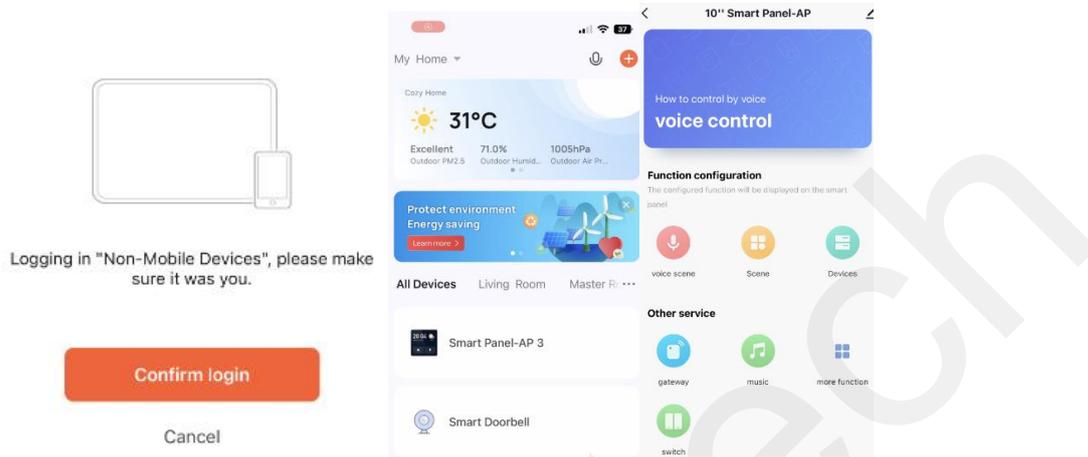
You can select it. There will be a QR code showing on the screen after the network connection is done.



(3) Start the Tuya App in your smart phone, select the “+” at top right corner in the App home page, and then select the “QR” 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 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.



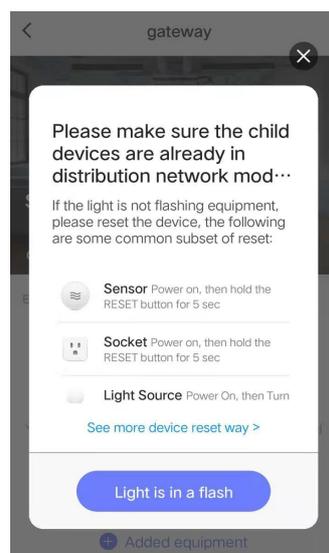
**Long press switch 1 or switch 2 to change the name of the switch.**

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

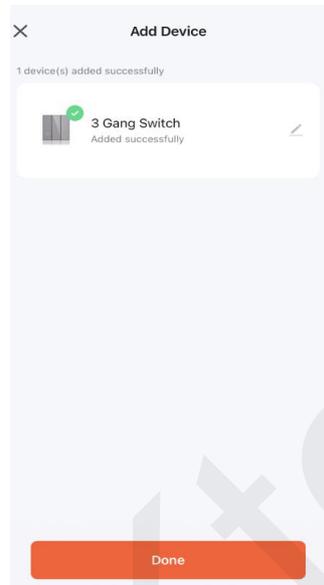
**Make sure the ZigBee sub devices are in the set-up mode.**

**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.)**

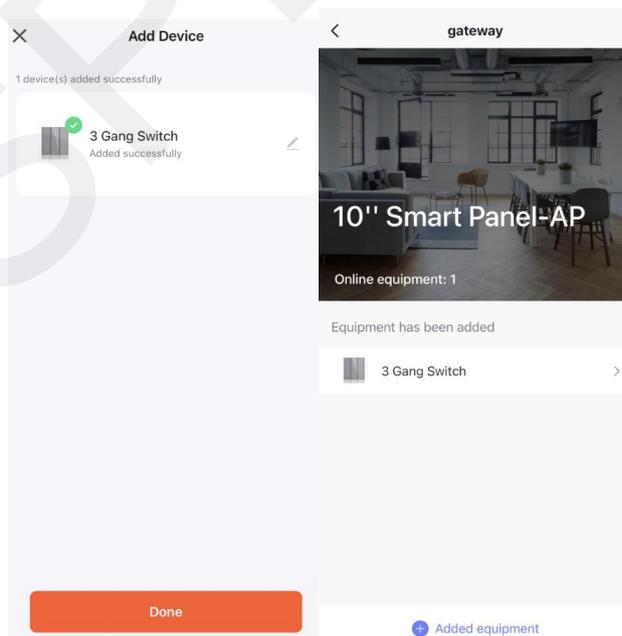
**You will see the following pictures in the Tuya App when you are adding sub devices to the gateway. Make sure the sub devices are in the set-up mode and the LED indication light is flickering.**



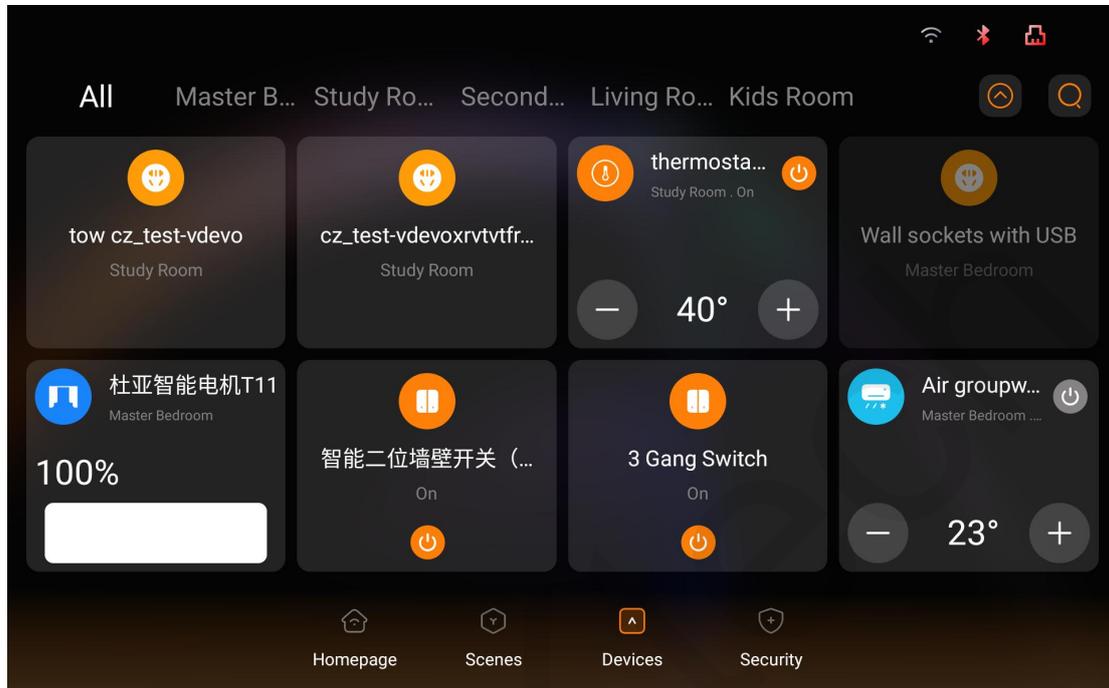
(7) Click the Done button on the App after you add the sub device successfully. For example (3 Gang Switch) as the following.



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



**Swipe down - sync to have devices and scenes sync to panel.**

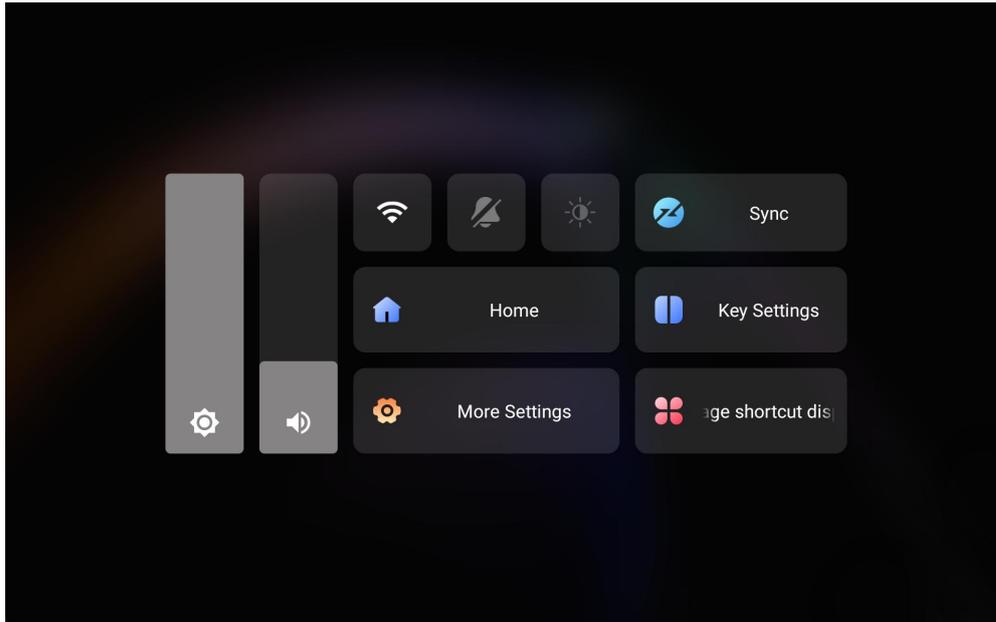


(9) You could change the device type by getting into the device interface in the App. It means the switch is off when it is in grey, and the switch is on when it is in green. You could also set up timers(Schedule) for the switches to realize the automation control.

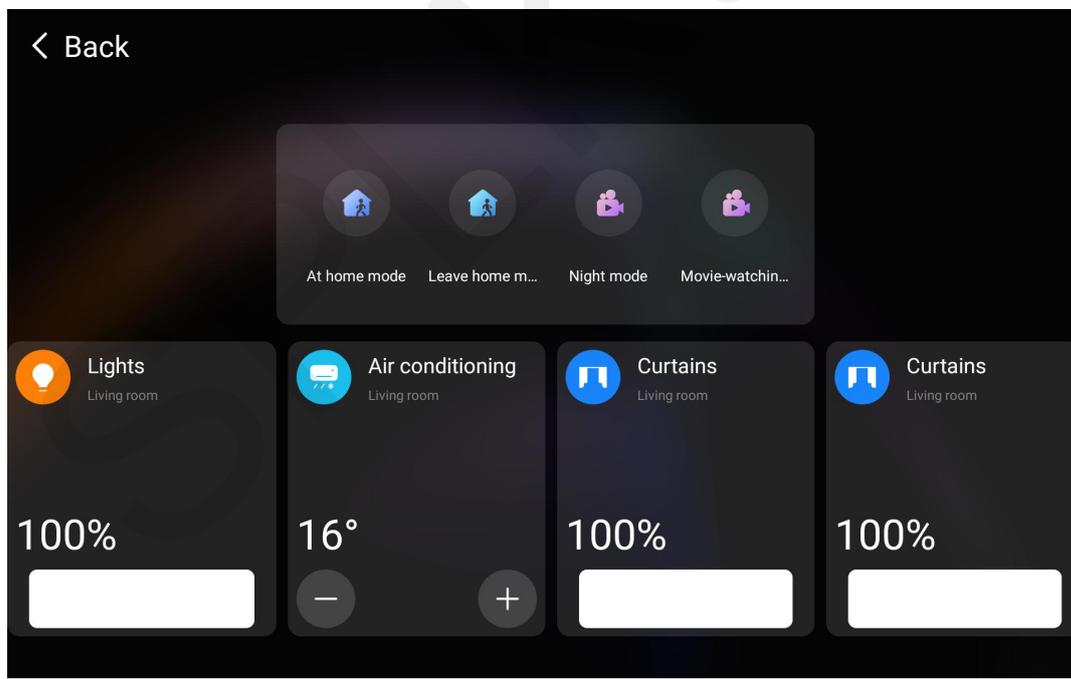


(10) To create scenes, enter Tuya smart App - Scene - Tap-to-Run (not Automation) - create scenes - Launch Tap-to-Run- Then **+** - Run the device and configure different devices work at the same time as a scene. And you can rename your scenes.

**Swipe down and click sync to have your devices and scenes sync to panel, now one tap on panel, whole home automation.**



**Swipe down - Key Settings to define the right 2 touch scene switches + knob controller by your specific devices or scenes on your App.**



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