



M3 smart

2 Gang Smart Dimming Switch

Basic Information

| | |
|-----------|-----------------------------|
| Model no | <i>58E8016TY</i> |
| Range | <i>M3 smart</i> |
| Type | <i>Smart Dimming Switch</i> |
| Finishing | <i>White</i> |

Product Information

| | |
|---------------------|---|
| Communication | <i>ZigBee</i> |
| Highlights | <i>Adjust the brightness of Triac light freely</i> <i>Wall control,APP control,voice control,timing</i> <i>Scenes and automation with other smart devices</i> <i>LED indicator display setting</i> |
| Norminal Voltage | <i>250V~50/60Hz</i> |
| Operational Voltage | <i>176VAC-264VAC</i> |
| Load | <i>200W/Gang TRIAC</i> |



Installation and maintenance

| | |
|---------------------------|---------------------------|
| IP protection | <i>IP20</i> |
| Material | <i>PC (polycarbonate)</i> |
| Size(mm) | <i>86*86*37.71</i> |
| Operatingtemperaturerange | <i>-10°C~40°C</i> |
| Installationtype | <i>wall mounted</i> |

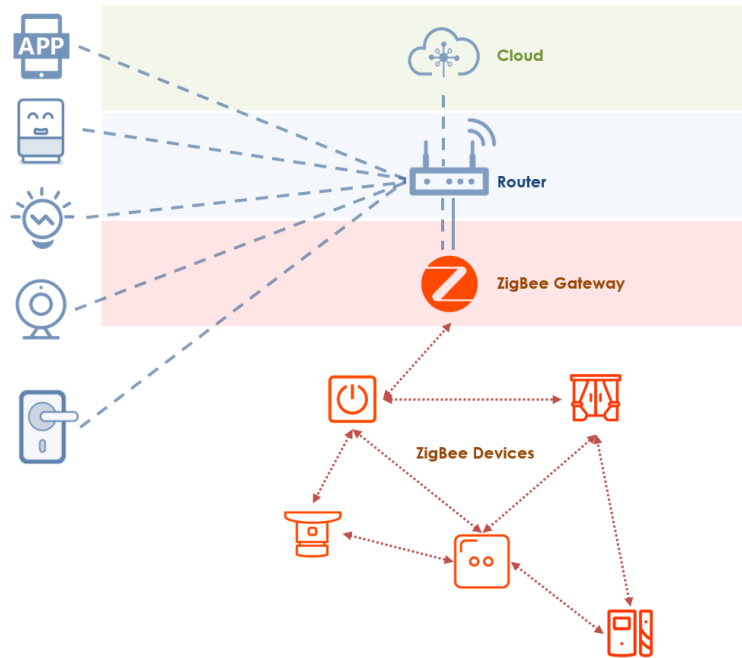
Additional information

| | |
|---------------------|--------------------|
| Quantity per box | 8 |
| Boxsize(mm) | <i>180*160*98</i> |
| Quantity per carton | 80 |
| Carton size(mm) | <i>510*330*190</i> |



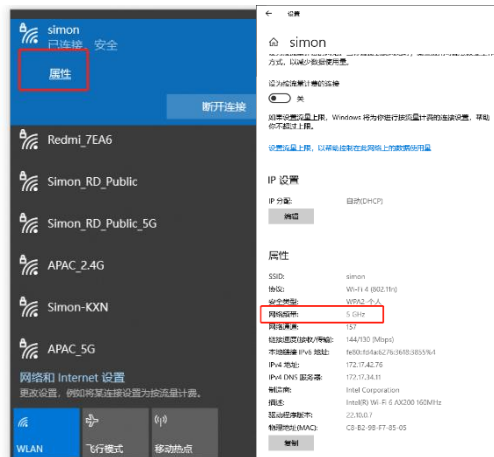
1 Network Environment

1.1 Basic Requirement for Network



Wi-Fi — Home Router

- Support 2.4GHz Wi-Fi, select 2.4GHz Wi-Fi signal
- 2.4G/5G combination Wi-Fi is not supported
- Can check the Wi-Fi type on the mobile phone or PC



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ZigBee — Smart Gateway

- Need to be connected with home router via network cable or Wi-Fi
- Connect ZigBee devices to internet

Tips: Change network environment of Smart Gateway (LAN)

- Change the Wi-Fi password/ Wi-Fi Name: Smart Gateway (LAN) and ZigBee devices under the gateway will not be influenced, but Wi-Fi devices will be offline.
- Change the router: Smart Gateway (LAN) and ZigBee devices under the gateway will not be influenced, but Wi-Fi devices will be offline.

Change network environment of Smart Gateway (Wireless)

- Change the Wi-Fi password/ Wi-Fi Name: Smart Gateway (LAN), ZigBee devices under the gateway and Wi-Fi devices will be offline.
- Change the router: Smart Gateway (LAN), ZigBee devices under the gateway and Wi-Fi devices will be offline.

***In the Situation that smart gateway and ZigBee devices under the gateway are offline, long press the button on the gateway to reset it, and make network configuration of gateway again, then they can work normally.**

For offline Wi-Fi devices, need to reset them and make network configuration again.

1.2 Smart Gateway

The smart gateway is the control center of the ZigBee device.

Parameters:

| | | | | | |
|--|------------|------------|--------------|---|--------------------------|
| Code | 681808TY | S00E0-S008 | S00E0-S009 | 55E761TY/ 70E761TY/ 58E8061TY/ 72E8061TY/ 30E8061TY | S00E0-S026 S00E0-S042 |
| Communication | LAN/ZigBee | | Wi-Fi/ZigBee | | Wi-Fi/ZigBee |
| Power Supply | USB 5V/1A | | | 220-240V ~50/60Hz | 220-240V ~50/60Hz |
| Recommended Number of connecting devices | Max 100 | Max 100 | Max 50 | Max 30 | Max 100 |

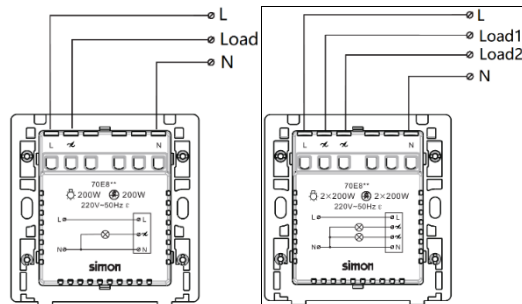
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5.2 M3/E3 Smart Dimming Switch (Triac light)

| Code | Description |
|-----------|---------------------------------|
| 30E815TY | 1 Gang Smart Dimming Switch(E3) |
| 30E816TY | 2 Gang Smart Dimming Switch(E3) |
| 58E8015TY | 1 Gang Smart Dimming Switch(M3) |
| 58E8016TY | 2 Gang Smart Dimming Switch(M3) |

Installation Environment:

- Need to connect to L&N line in the mounting box
- Need to connect to load, TRIAC lighting



Preparation for Use:

- Ensure that the smart gateway has been added.
- Mobile phone is connected to Internet (Wi-Fi or 3G/4G/5G)
- Ensure effective coverage of ZigBee network. (Communication distance between any ZigBee devices: <2 walls, <100m in open area)

Network Configuration:

- Download and open Simon Smart APP



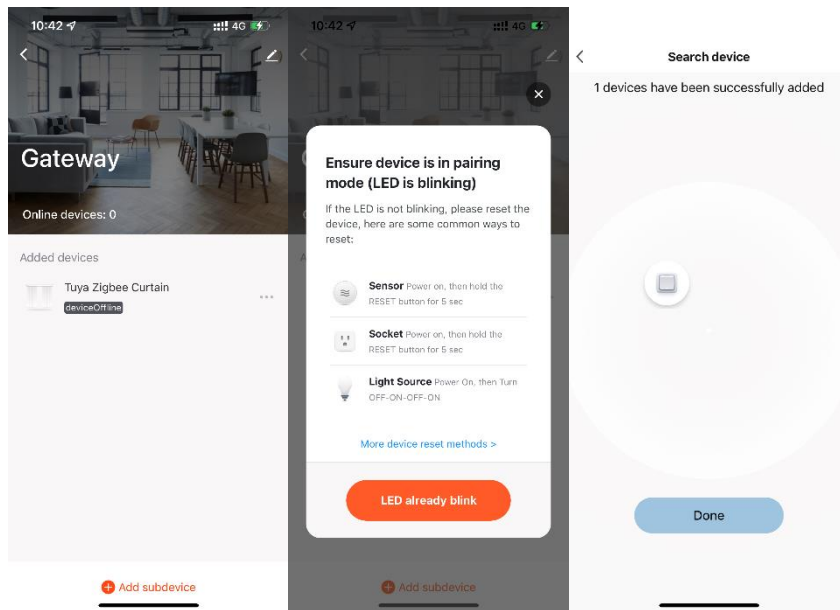
- Within 60s after connecting the power, insert the pin to long press the configuration hole for more than 3s until the configuration indicator flashes
- If not flashes or you want to reset, insert the pin to long press the configuration hole for more than 5s until the configuration indicator flashes



- Enter the "Gateway" interface and click "Add Subdevice"

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- Confirm that indicator is blinking, then click “LED already blink”
- Add the device as per the app prompts



Configuration Indicator Status:

| | |
|------------------|-----------------------------|
| Waiting pairing | 4 quick flashes per second |
| Pairing success | 2 flashes per second for 2s |
| Pairing failure | 1 flash per second for 10s |
| Initial power on | ON for 1s |
| Reset success | 2 flashes per second for 2s |