TECHNICAL SPECIFICATION

WIRELESS SMART SWITCH FOR

TEMPERATURE AND HUMIDITY MONITORING

Functions:

- Real-time ON/OF control and monitoring status from temperature and humidity with sensor
- Control is done from anywhere with IOS or Android Mobil application
- Control electrical devices over Wi-Fi
- Control can by shared- temperature and humidity to another mobiles phone
- Time setting function- turn ON/OF at specified time after setting
- Can turn switch ON/OF electrical devices without mounted sensor
- Supports max 8 enabled timing tasks
- Possibility to voice control with AMAZON ALEXA
- Works with GOOGLE NEST
- This device works perfectly with electric fan, air conditioner, humidifier, smart fish tank, watering system, etc.

Technical data:	
Voltage range:	90-250v AC(50/60Hz)
Max current:	16A
Max Wattage:	3500W
Dimensions:	88*38*23mm (L*W*H)
Enclosure Material:	Fire-retardant ABS V0
Humidity:	5%-90%RH, Non-condensing
Wireless Standard:	802.11 b/g/n
Security Mechanism:	WPA-PSK/WPA2-PSK
Operating Temperature:	0ºC-40ºC(32°F-104°F)
Gang:	1
Dimension:	114*51*32 (mm)
Supported temperature, humidity sensors:	195030 & 195031
Certification:	CE, RoHS, FCC
Catalogue number:	195002

HIGH-PRECISION TEMPERATURE & HUMIDITY SENSOR

- Catalogue number: 195030
- Temperature: -40°C/+80°C
- Humidity Measuring Range: 0~99.9%RH
- Accuracy: in 25°C
- Temperature: ±0.5%RH
- Humidity: ±3%RH (10...90%RH)
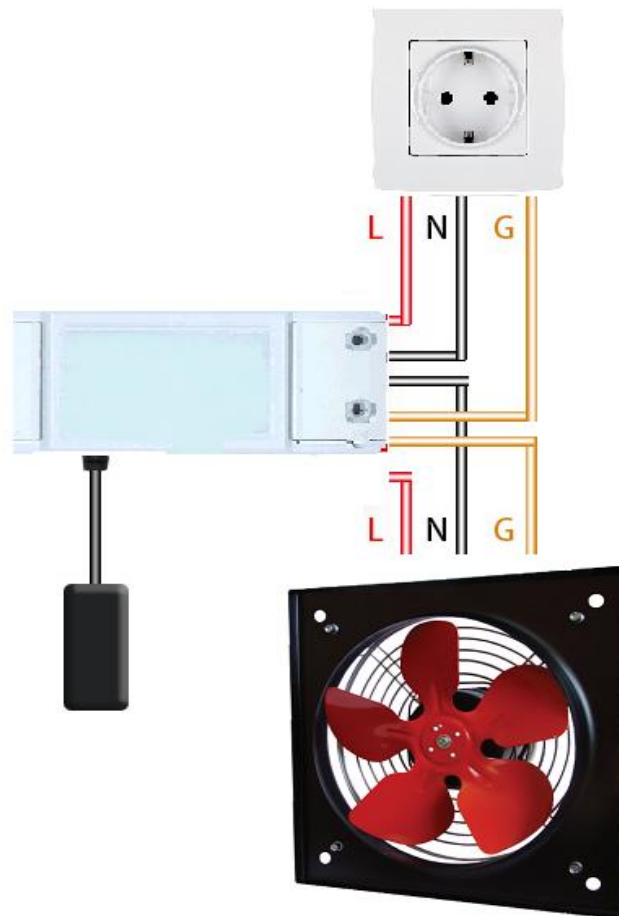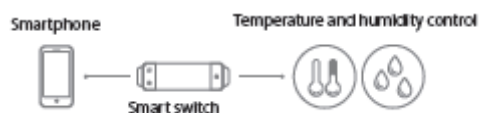- Power supply: 3.3-5.2V DC (5V recommended)

WATERPROOF TEMPERATURE SENSOR

- Catalogue number: 195031
- Temperature: -55°C/+125°C
- Power supply: 3.0-5.5V
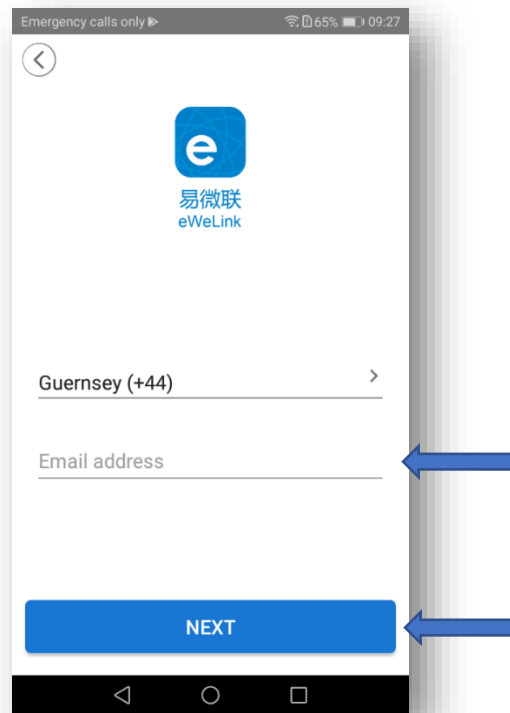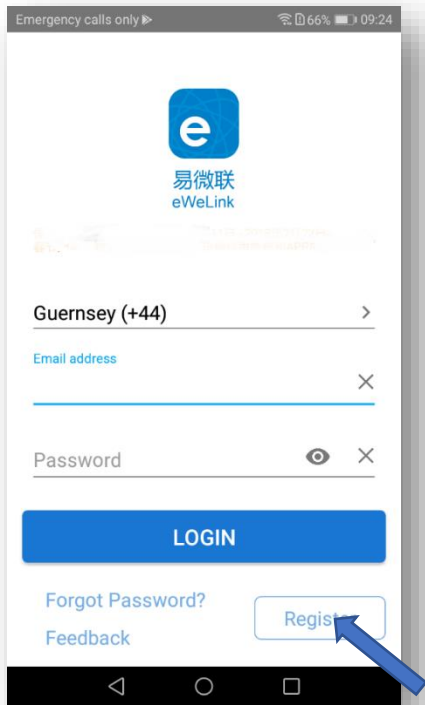- Stainless steel temperature probe

Connection:

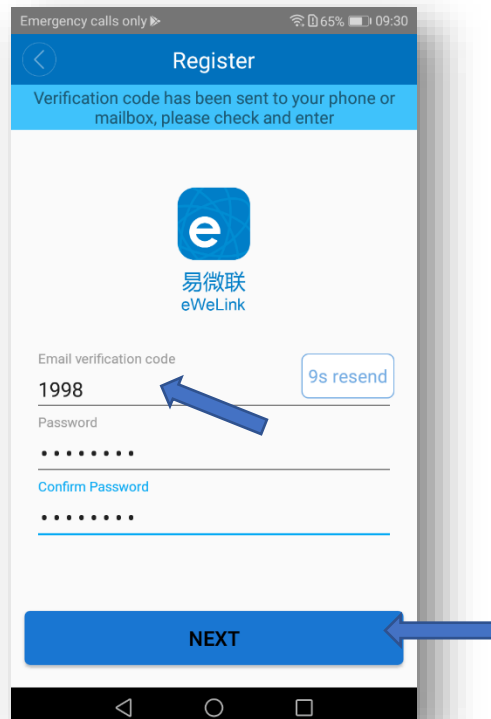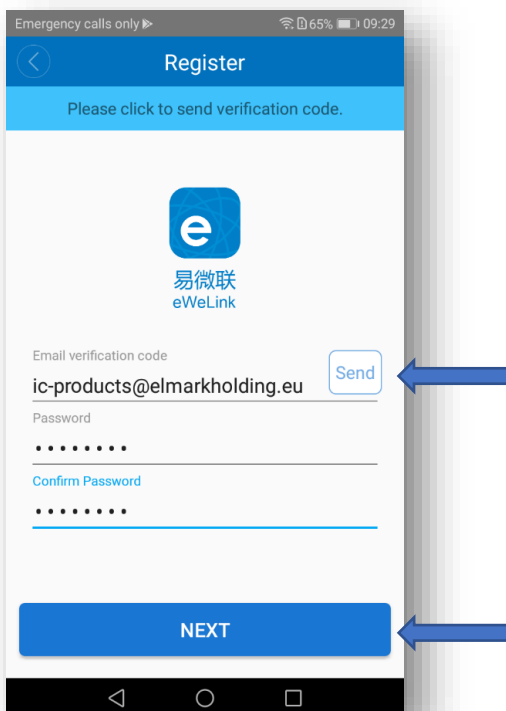## How to connect **WIRELESS SMART SWITCH** with Wi-Fi:

The switch can work by installed iOS or Android application, via a Wi-Fi.

1. **Download the APP eWELink to your smart phone or tablet**.
2. **Install the APP to your smart phone**
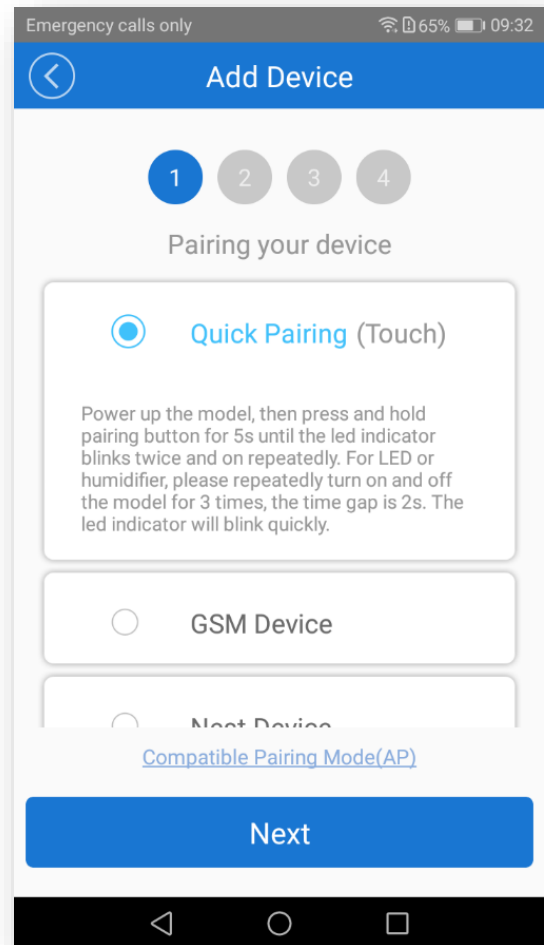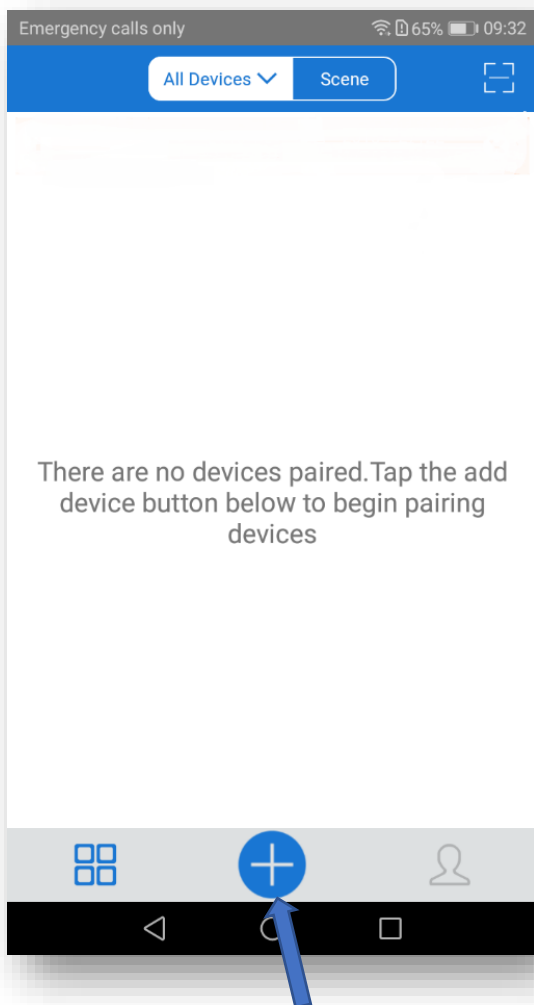
3. Register a new account

- You`ll need to enter your email address and a password (at least 8 characters).
- Click "Send" to get your verification code on your email.
- Enter verification code to register.

4. Login with your account

4.1. Pairing and add the device

- Plug your sensor into the jack, power up your device.
- Press the pairing button for 7 seconds until the green LED blinks: the LED blinks 3 times and on repeatedly.
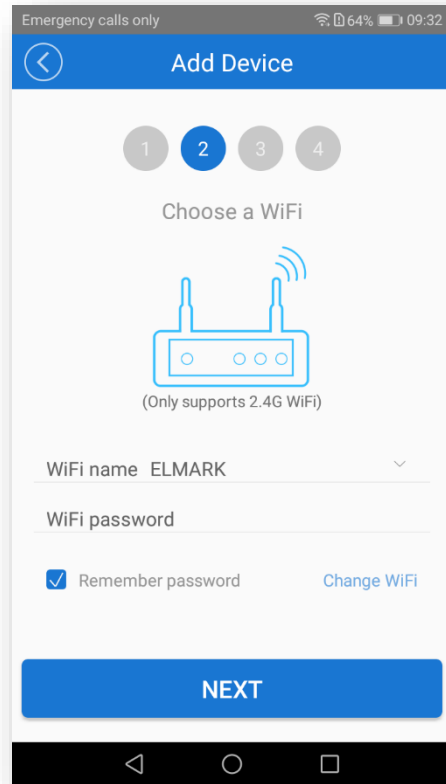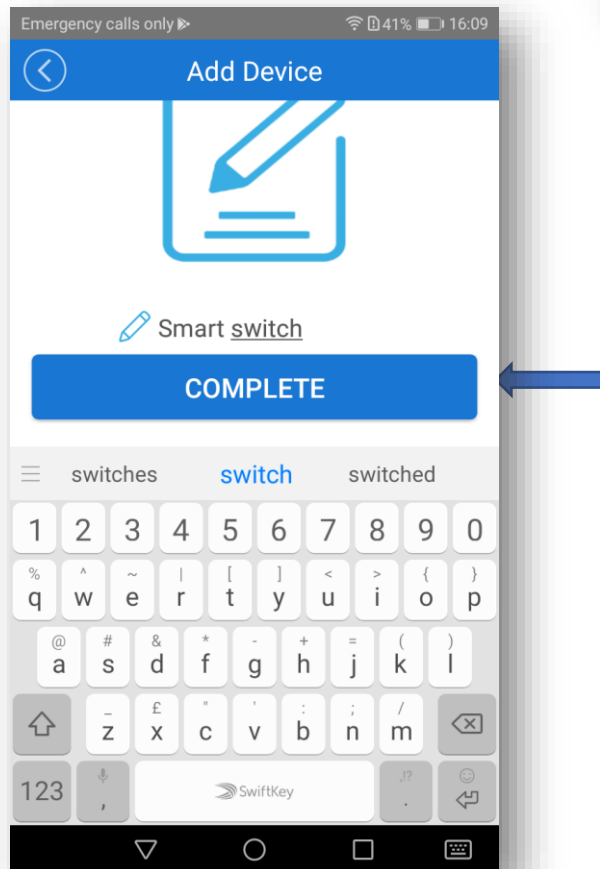
4.2. Choice a Wi-Fi

- It will auto-search and connect smart home device around you.

- Input your home SSID & password:

Now Elmark app only support 2.4G WiFi communication protocol, 5G-WiFi is not supported.

4.3. Name the device to complete

Note: Maybe the device is "Offline" on Elmark app, for the device needs 1 minute to connect to your router and server. When the green LED on, the device is "Online", if Elmark app shows still "Offline", please close Elmark app and re-open.
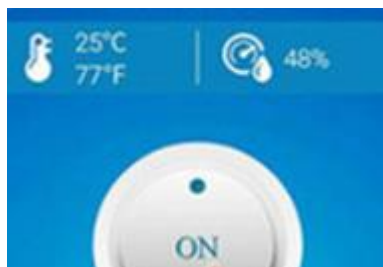
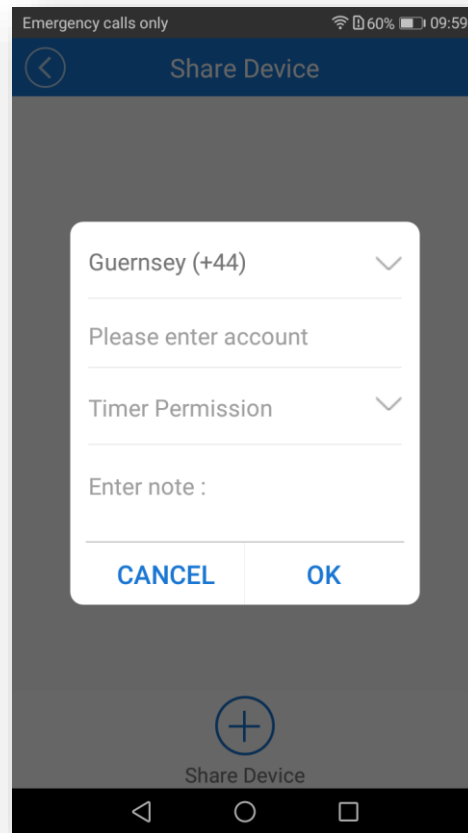### 5. The device is connected now

6. APP features

6.1. WiFi remote control and device state, temperature and humidity checking

Turn on/off by tapping on device icon. If you use the Smart switch with temperature and humidity sensor, device state and real-time temperature and humidity values will simultaneously display on the interface.

In **Auto mode**, you can set a specified temperature or humidity range to turn on/off connected device. In **Manual mode**, you can tap on the device icon to turn on/off.

6.2. Share Control

The owner can share the devices to other Elmark app accounts. While sharing devices, both should stay online on Elmark app. Because if the account you want to share is not online, he/she will not receive the invitation message.

Firstly, click **Share**, input the Elmark app account (email address) you want to share, tick the timer permissions (edit/delete/change/enable) you want to give, then click **Next.** The other account will receive an invitation message. Click **Accept**, the device has shared successfully. The other user will have access to control the device.
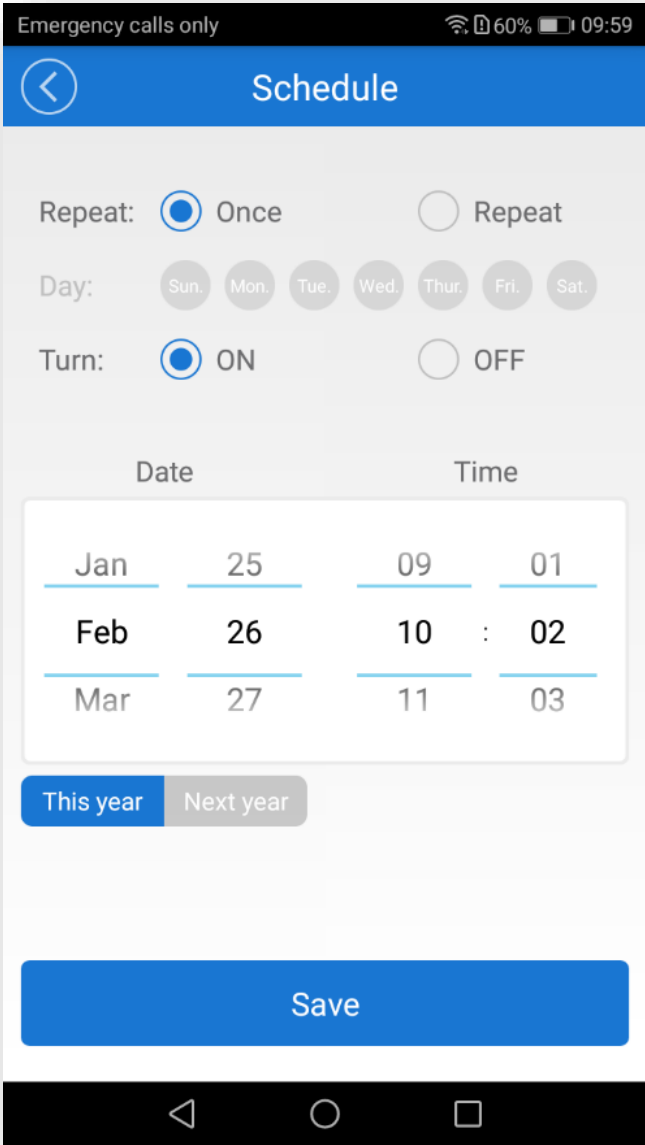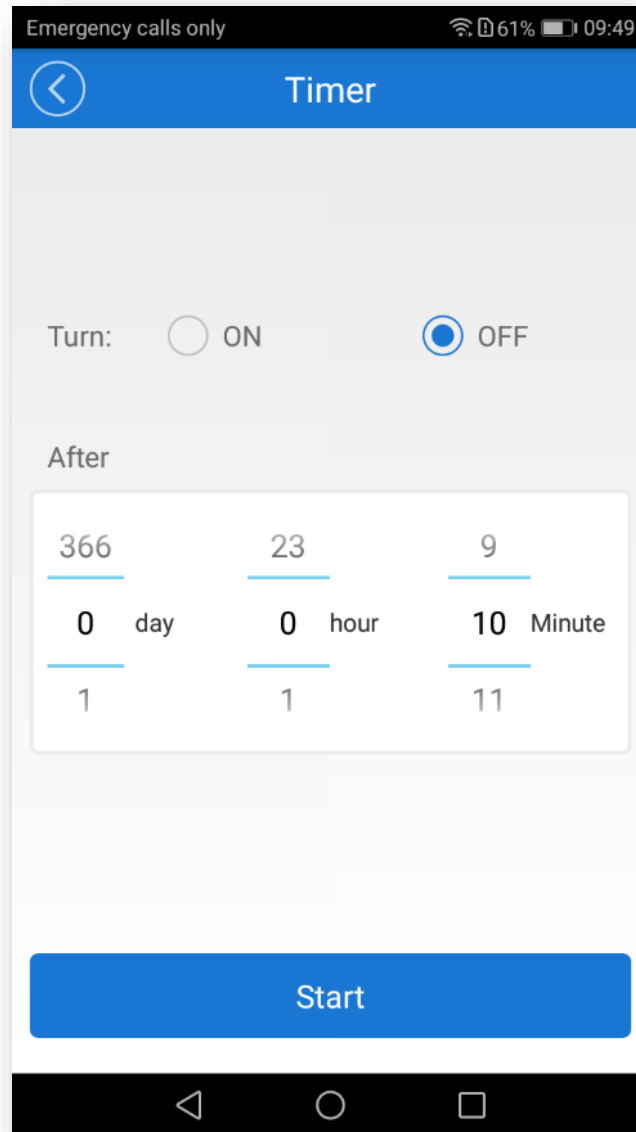
6.3. Timing Task

Schedule

Support max 8 enabled single/repeat/countdown timing schedules each device. Preset timers can work even network is unavailable, but the device must keep power on.

Timer

6.4. Security mechanism

One device one owner. Other people cannot add the devices that have already been added. If you want to add your device to another account, don't forget to delete it first.

6.5.   Auto mode and Manual mode

- In Auto mode, the switch can not be turned ON/OFF by the button manually.
- In Manual mode, the switch can be turned ON/OFF at any time.
- The preset timers can work as usual in Auto mode.

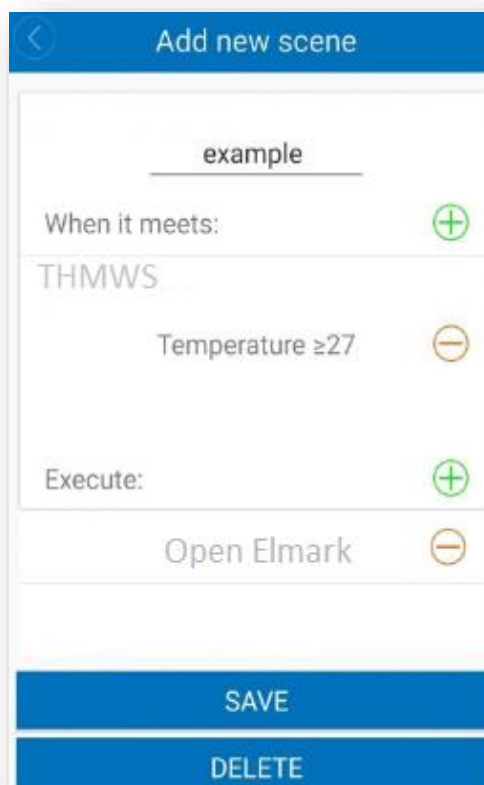## 6.6.   Insert sensor to start device or not

Insert sensor: APP will display temperature and humidity values, and it can be set to Auto mode.
Without sensor: APP will not display temperature and humidity value, and it does not have Auto mode.

6.7.   Smart Scene

You can use temperature and humidity switch to collect temperature value and set a temperature to turn on/off several types of other switches

Note: The temperature and humidity switch should in manual mode, not auto mode. When the real-time temperature is across the preset temperature range, it will trigger the condition.

6.8. Update

It will auto-remind you of new firmware or version. Please update as soon as you can so that you can use the latest features.

Standards:

● EN 60669-1 ● EN 60669-2-1 ● EN 62311 ● EN 301 489-1 ● EN 301 489-17 ● EN 300 328