

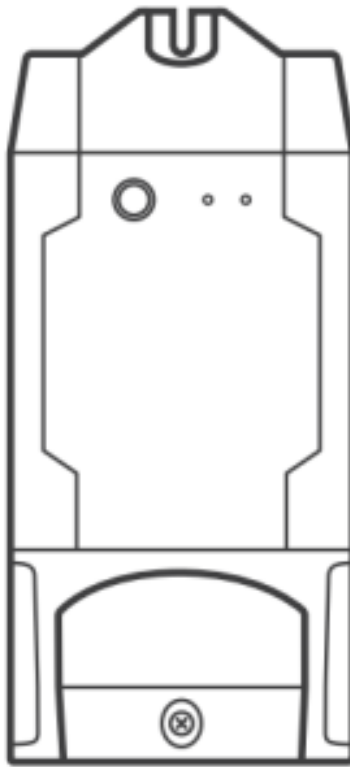


## SONOFF TH10/16 Wi-Fi Smart Switch User Manual

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**DIY TH10/16**  
**Wi-Fi Smart Switch (with Temp. & Hum. Monitoring)**  
**User manual V1.0**

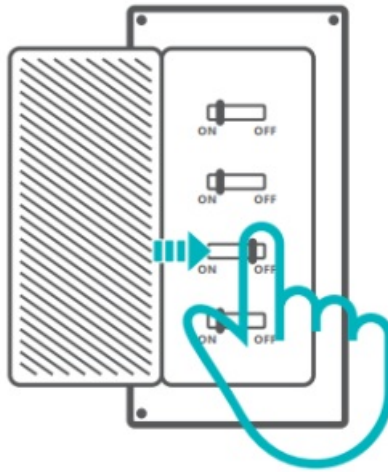



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## Operating Instruction

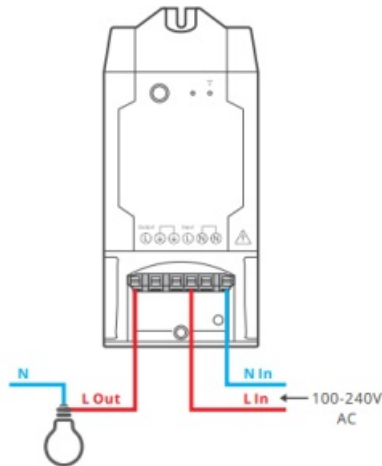
### 1. Power off



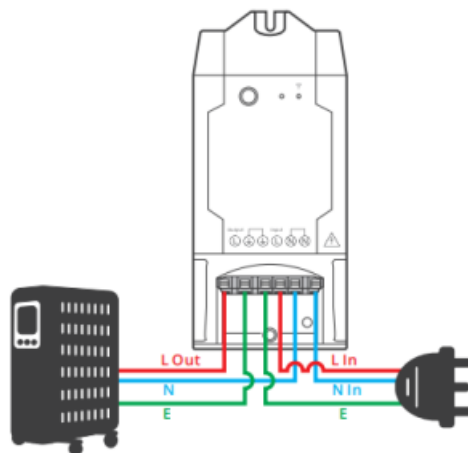
 To avoid electric shocks, please consult the dealer or a qualified professional for help when installing and repairing! Please do not touch the switch during use.


## 2. Wiring instruction

Light fixture wiring instruction:

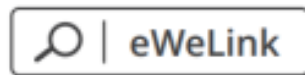


Appliance wiring instruction(Don't need to connect if no ground wire):



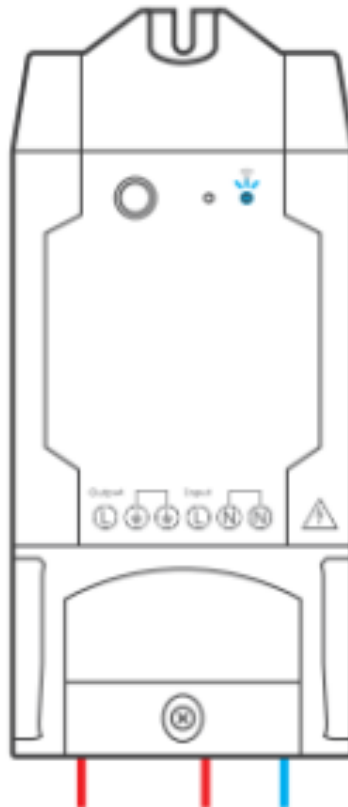
 Make sure the neutral wire and live wire connection are correct.

## 3. Download APP



Android™ & iOS

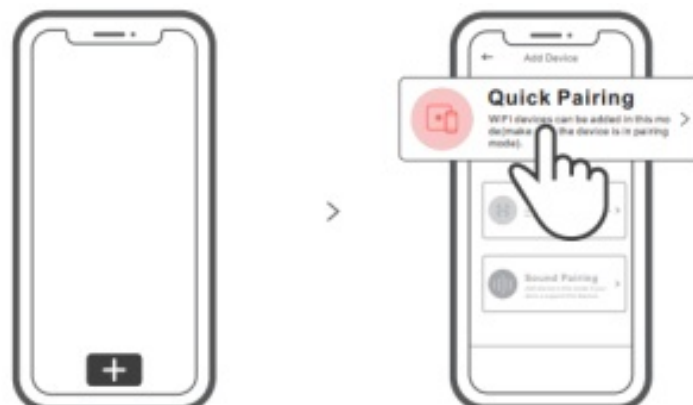
#### 4. Power on



After powering on, the device will enter the quick pairing mode (Touch) during the first use. The Wi-Fi LED indicator changes in a cycle of two short and one long flash and release.

⚠ The device will exit the quick pairing mode (Touch) if not paired within 3mins. If you want to enter this mode, please long press the manual button for about 5s until the Wi-Fi LED indicator changes in a cycle of two short and one long flash and release.

#### 5. Add the device



Tap “+” and select “Quick Pairing”, then operate following the prompt on the APP.

Compatible Pairing Mode

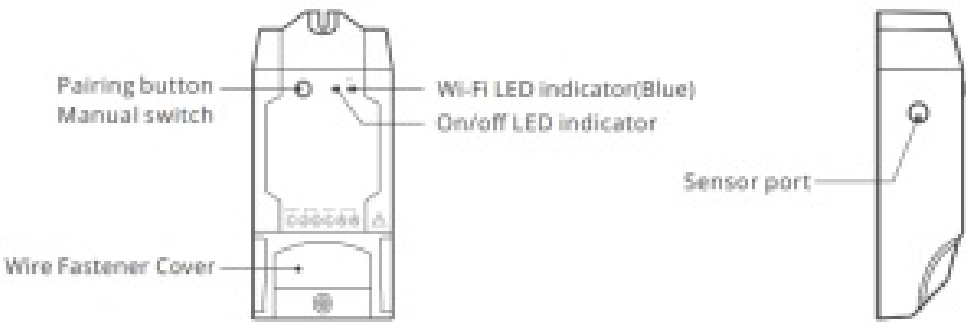
If you fail to enter Quick Pairing Mode (Touch), please try “Compatible Pairing Mode ” to pair.

- 1. Long press the Pairing button for 5s until the Wi-Fi LED indicator changes in a cycle of two short flashes and one long flash and release. Long press the Pairing button for 5s again until the Wi-Fi LED indicator flashes quickly. Then, the device enters Compatible Pairing Mode.
- 2. Tap “+” and select “ Compatible Pairing Mode ” on APP.  
Select Wi-Fi SSID with ITEAD-\*\*\*\*\* and enter the password 12345678, and then go back to eWeLink APP and tap “Next”. Be patient until pairing completes.

Specifications

Model	TH10/TH16
Input	100-240V AC 50/60H2
Output	100-240V AC 50/60H2
Max.Load	TH10: 10A/2200W TH16: 15A/3500W
Wi-Fi	IEEE 802.11 b/g/n 2.46Hz
Operating systems	Android 8105
Working temperature	-10°C-40°C
Material	PC VO
Dimension	114x51x32mm

Product Introduction



The device’s weight is less than 1 kg.  
An installation height of less than 2 m is recommended.

Wi-Fi LED indicator status instruction

Wi-Fi LED indicator status	Status instruction
Flashes (one long and two short)	Quick Pairing Mode
Keeps on	The device is connected successfully
Flashes quickly	Compatible Pairing Mode
Flashes quickly once	Unable to discover the router
Flashes quickly twice	Connect to the router but fail to connect to Wi-Fi
Flashes quickly three times	Upgrading

## Features

This device is a Wi-Fi smart switch that works with temperature and humidity sensors that allows you to remotely turn on/off the device, schedule it on/off or share it with your family to control together.



## Compatible Sensors

Temperature and humidity sensor: Si7021, AM2301

Waterproof temperature sensor: DS18B20

Soil moisture sensor: MS01

You can connect the SONOFF AL560 sensor extension cable to the sensor to monitor the humidity level in an ideal position.

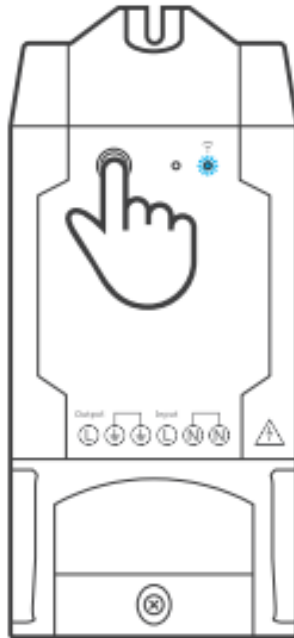
The humidity value can be checked on the eWeLink app in real-time and set the auto-mode: the sensor automatically turns on/off when the temperature and humidity reach the preset value.



The device restarts each time the sensor is plugged into or pulled out from the device.

## Switch Network

If you need to change the network, long-press the pairing button for 5s until the Wi-Fi LED indicator changes in a cycle of two short and one long flash and release, then the device enters quick pairing mode and you can pair again.



## Factory Reset

Deleting the device on the eWeLink app indicates you restore it to the factory setting.

## Common Problems

### Q: Why does my device stay “Offline”?

A: The newly added device needs 1 – 2mins to connect to Wi-Fi and network. If it stays offline for a long time, please judge these problems by the blue Wi-Fi indicator status:

1. The blue Wi-Fi indicator quickly flashes once per second, which means that the switch failed to connect your Wi-Fi:

- ① Maybe you have entered the wrong Wi-Fi password.
- ② Maybe there's too much distance between the switch your router or the environment causes interference, consider getting close to the router. If failed, please add it again.
- ③ The 5G Wi-Fi network is not supported and only supports the 2.4GHz wireless network.
- ④ Maybe the MAC address filtering is open. Please turn it off.

If none of the above methods solved the problem, you can open the mobile data network on your phone to create a Wi-Fi hotspot, then add the device again.

2. Blue indicator quickly flashes twice per second, which means your device has connected to Wi-Fi but failed to connect to the server.

Ensure a steady enough network. If double flash occurs frequently, which means you access an unsteady network, not a product problem. If the network is normal, try to turn off the power to restart the switch.

## FCC Warning

Changes or modifications not expressly approved by the party responsible for compliance could avoid the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**Note:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Hereby, Shenzhen Sonoff Technologies Co., Ltd. declares that the radio equipment type T0US1C/T0US2C/T0US3C/T2US1C/T2US2C/T2US3C/T3US1C/T3US2C/T3US3C is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://sonoff.tech/usermanuals>




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ZIP code: 518000 Website: [sonoff.tech](https://sonoff.tech)



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SONOFF TECHNOLOGIES CO., LTD.

## Documents / Resources

 <p>The image shows the cover of the user manual for the Sonoff TH10/16 Wi-Fi Smart Switch. It features the Sonoff logo, the model number TH10/16, and a small image of the switch device. Below the device image is a table of contents.</p> <table border="1"><thead><tr><th colspan="2">Wi-Fi Smart Switch (with Temp &amp; Hum. Monitoring)</th></tr></thead><tbody><tr><td>1. Introduction</td><td>1-2</td></tr><tr><td>2. Features</td><td>2-3</td></tr><tr><td>3. Installation</td><td>3-4</td></tr><tr><td>4. Operation</td><td>4-5</td></tr><tr><td>5. Troubleshooting</td><td>5-6</td></tr><tr><td>6. Appendix</td><td>6-7</td></tr></tbody></table>	Wi-Fi Smart Switch (with Temp & Hum. Monitoring)		1. Introduction	1-2	2. Features	2-3	3. Installation	3-4	4. Operation	4-5	5. Troubleshooting	5-6	6. Appendix	6-7	<p><a href="#">SONOFF TH10/16 Wi-Fi Smart Switch</a> [pdf] User Manual TH10, TH16, Wi-Fi Smart Switch</p>
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