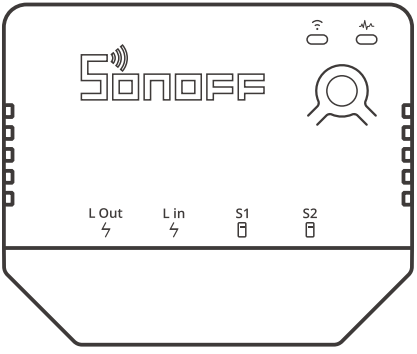
ZBMINI-L

User manual V1.0

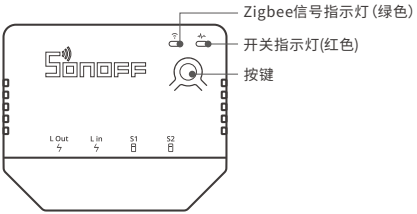


Smart Switch

(No Neutral Required)

· 中　文 ----------1-6　· English----------7-12　· FCC Warning--------13

产品介绍



ⓘ 设备重量＜1Kg，建议安装高度＜2米。

指示灯状态说明

指示灯状态	状态说明
绿灯慢闪	配对模式
绿灯常亮	网络连接正常
绿灯快闪	网络连接异常 ZBMINI-L 和路由设备连接正常，路由设备和网关断连
绿灯慢闪	网络连接异常 非配网状态下慢闪：ZBMINI-L 与父设备断连
红色亮/灭	设备开/关

功能特点

SONOFF 单火智能开关 (Zigbee版) 基于Zigbee 3.0 无线通讯协议，通过连接 Zigbee 网关实现远程控制、设置定时开/关、设备智能场景联动等功能。

远程控制

智能定时/延时

语音控制

分享功能

智能场景

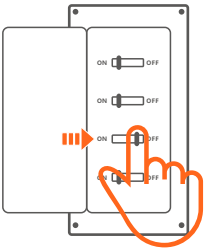
外接开关

上电状态

添加摄像头

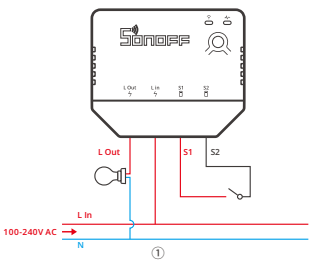
ⓘ 以上功能特点取决于Zigbee网关的功能。

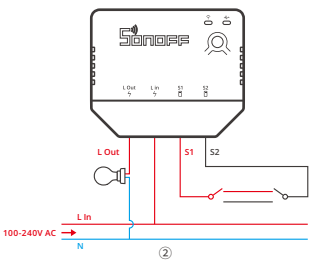
断电

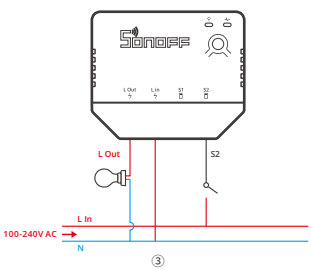


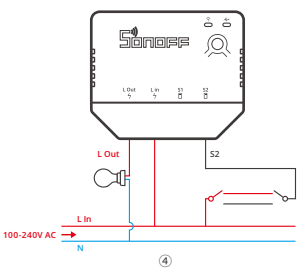
⚠ 设备安装、故障维修请由专业资质电工操作。切勿在设备通电时进行接线操作或触碰到接线端子，以免发生触电危险！

接线









! 以上③④接线方式请确保设备 L in 端供电输入正常，否则会导致设备工作异常。

ⓘ 外接的开关类型支持翘板和自回弹开关，出厂默认为支持翘板开关类型。
开关类型切换方法：短按按键三次，设备红灯快闪3下提示，此时开关类型切换成功。

ⓘ 确保线路接入无误。

使用说明

配对至易微联App

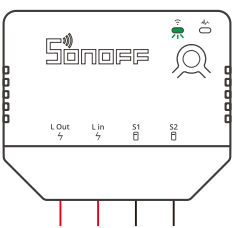
1. 下载“易微联”App

eWeLink

Android™ & iOS

2. 添加SONOFF Zigbee网关

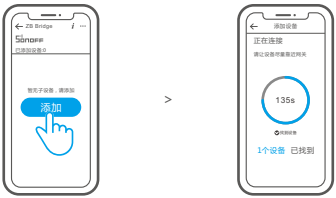
3. 上电



通电后，设备首次使用，默认进入配对模式，Zigbee信号指示灯呈 “慢闪”状态。

ⓘ 三分钟内没配对成功，设备将退出配对模式，如需再次进入，长按设备按键5秒直到Zigbee信号指示灯呈“慢闪”状态即可。

4. 将 ZBMINI-L 添加至网关



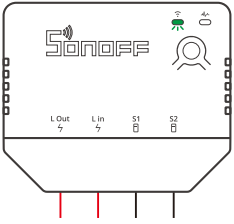
打开eWeLink App，选择要连接的网关，点击 "添加" 子设备，等待搜索添加设备。

ⓘ 如添加失败，请将设备移近网关后再重新添加。

配对至亚马逊音箱

1. 下载最新版Amazon Alexa App，并配对带Zigbee网关的亚马逊音箱。

2. 给 ZBMINI-L 上电，设备默认进入配对模式，Zigbee信号指示灯呈“慢闪”状态。



3. 对亚马逊音箱说 "Alexa, discover my devices", 即可自动发现设备。

ⓘ 三分钟内没配对成功，设备将退出配对模式，如需再次进入，长按设备按键5秒直到Zigbee信号指示灯呈“慢闪”状态即可。

ⓘ 如添加失败，请将设备移近网关后再重新添加。

其它App应用平台及网关推荐

SmartThings

本设备除支持SONOFF Zigbee网关外，还支持网关：Samsung SmartThings hub

添加说明：

1. 参照网关使用说明书下载App和连接网关。
2. 让设备进入到配对模式.
3. 根据网关对应的APP提示添加设备，添加过程中选择 eWeLink 或 SONOFF 品牌。

ⓘ 如添加失败，请将设备移近网关后再重新添加。

产品参数

产品型号	ZBMINI-L
输入	100-240V AC 50/60Hz 6A Max
输出	100-240V AC 50/60Hz 6A Max
最大负载	阻性负载： 1380W Max @230V, 720W Max @120V LED灯： 300W Max @230V, 150W Max @120V
通讯距离	最大50米（空旷环境）
无线连接	Zigbee 3.0
工作温度	-10~40°C
外壳材料	PC V0
产品规格	54x45x24mm
认证	TUV/CE/FCC/UKCA/RoHS

ⓘ 本设备不支持其它类型的感性负载如风扇等。

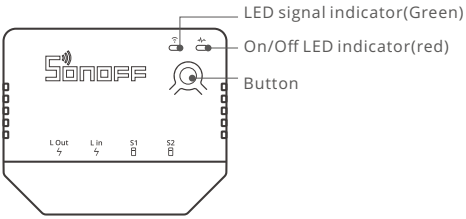
恢复出厂设置

可通过以下任意方法让设备恢复出厂设置（恢复出厂设置后设备自动进入配对模式）：

1. 按外接开关10下，设备会自动开关3次表示设置成功。
2. 长按设备按键5秒。
3. 在 eWeLink App 端删除子设备。

支持的语音平台

Product introduction



ⓘ The device weight is less than 1 kg. The installation height of less than 2 m is recommended.

LED indicator status instruction

LED indicator status	Status instruction
Green LED indicator slow flashes	Pairing mode
Green LED indicator keeps on	Device is on line
Green LED indicator quick flashes	Abnormal network connection ZBMINI-L and router connect normally, but router and the hub are disconnected
Green LED indicator slow flashes	Abnormal network connection Slow flashing under non-pairing state: ZBMINI-L and the parent device are disconnected
Red LED indicator on/off	Device on/off

Features

SONOFF Zigbee 3.0 Smart Switch (No Neutral Required) allows you to remote control, schedule on/off and set smart scenes to trigger other devices, etc. by connecting Zigbee hub.

Remote Control

Single/Countdown Timing

Voice Control

Share Control

Smart Scene

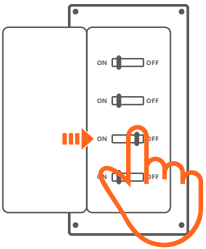
External Switch

Power on State

Camera Linking

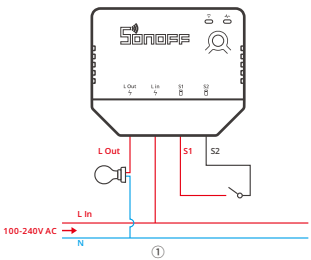
ⓘ Above functions are determined by the connected ZigBee Hub.

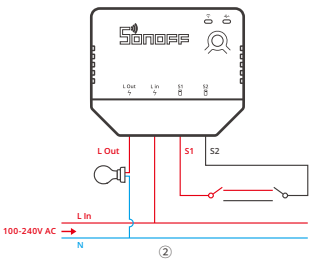
Power off

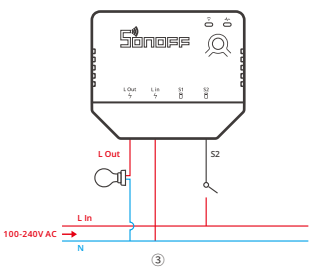


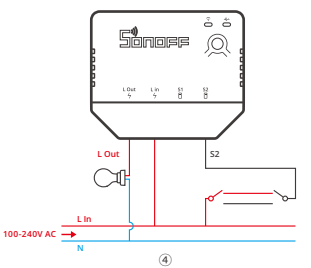
⚠ Please install and maintain the device by a professional electrician. To avoid electric shock hazard, do not operate any connection or contact the terminal connector while the device is powered on!

Wiring instruction









! For the above ③④ wiring methods, please ensure the proper wiring and powering of the L in terminal, otherwise it will cause the device to work abnormally.

ⓘ Supported switches are rocker switch and push button and factory default by supporting rocker switch.
Method of change the switch type: Short-press the button 3 times, then the red LED indicator will quick flash 3 times to indicate that the switch mode is changed successfully.

ⓘ Make sure all wires are connected correctly.

Operating instruction

Pair with eWeLink App

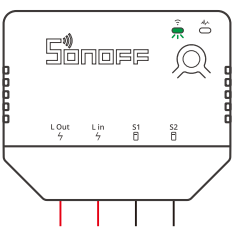
1. Download the eWeLink App

eWeLink
Download on the App Store
GET IT ON Google Play

Android™ & iOS

2. Pair SONOFF ZB Bridge to your eWeLink account

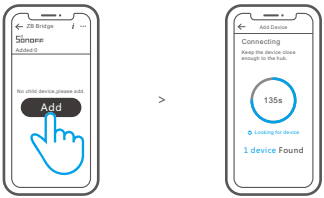
3. Power on



After powering on, the device will enter the pairing mode defaulted during the first use and the Zigbee LED signal indicator will “flash slowly”.

ⓘ The device will exit the pairing mode if it doesn't be paired within 3mins. If you want to enter again, long-press the button of the device for 5s until the Zigbee signal indicator “slow flashes” then release.

4. Add ZBMINI-L to the ZB Bridge



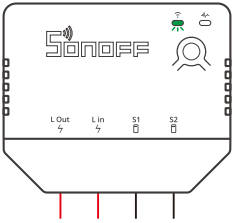
Open eWeLink App, tap “Add” icon on the ZB Bridge interface, then wait to looking for and add the sub-devices.

ⓘ If the addition failed, move the sub-device closer to the Bridge and try again.

Pair with Amazon Echo

1. Download the latest Amazon Alexa App and pair it with Amazon Echo with built-in Zigbee hub.

2. Power on ZBMINI-L, then it defaulted to enter the pairing mode and the Zigbee LED signal indicator “flashes slowly”.



3. Ask the Alexa Echo to discover the devices automatically by saying “Alexa, discover my devices”.

ⓘ The device will exit the pairing mode if it doesn't be paired within 3mins. If you want to enter again, long-press the button of the device for 5s until the Zigbee signal indicator “slow flashes” then release.

ⓘ If the addition failed, move the sub-device closer to the Bridge and try again.

More recommended App and Hub

SmartThings

In addition to SONOFF ZB Bridge, this device is also supported:
Samsung SmartThings hub.

Gateway adding instruction:

1. Refer to the gateway user manual to download the matched APP and get it paired.
2. Set the ZBMINI-L to the pairing mode
3. Add ZBMINI-L according to the prompt of APP. Please select eWeLink or SONOFF when adding.

ⓘ If the addition failed, move the sub-device closer to the Bridge and try again.

Specifications

Model	ZBMINI-L
Input	100-240V AC 50/60Hz 6A Max
Output	100-240V AC 50/60Hz 6A Max
Max. load	Resistive load: 1380W Max @230V, 720W Max @120V LED: 300W Max @230V, 150W Max @120V
Communication distance	Up to 50m (Empty environment)
Wireless connection	Zigbee 3.0
Working temperature	-10~40℃
Casing material	PC V0
Product Size	54x45x24mm
Certification	TUV/CE/FCC/UKCA/RoHS

ⓘ Unsupported to use with other Inductive loads such as fan.

Factory reset

Return the device to its factory settings in any following ways (Device will enter the pairing mode automatically after resetting)

1. Press 10 consecutive times the connected external switch, then the device will turn on and off 3 times automatically to indicate that setting successfully.
2. Long-press the device for 5s.
3. Delete the sub-device on eWeLink App

Supported voice assistant

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 minimum distance20cm 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 ZBMINI-L 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://www.sonoff.tech/usermanuals

zigbee certified product

Shenzhen Sonoff Technologies Co., Ltd.

3F & 6F, Bld A, No. 663, Bulong Rd, Shenzhen, GD, China
ZIP code: 518000 Website: sonoff.tech
MADE IN CHINA