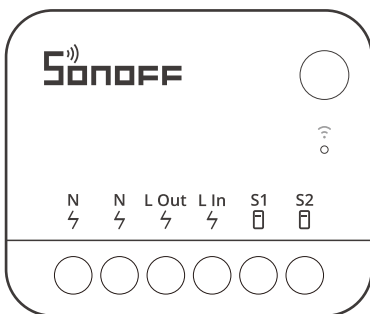




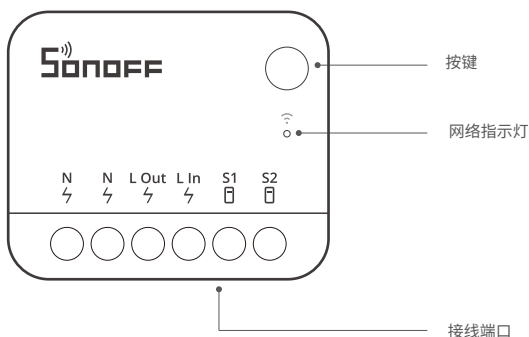
MINI Extreme

User manual V1.0



Wi-Fi Smart Switch

产品介绍



⚠ 设备重量<1Kg, 建议安装高度<2米。

信号指示灯状态说明

设备状态	易微联配网时LED指示灯状态	Matter配网时LED指示灯状态
在线	常亮	常亮
局域网	双闪	---
离线	单闪	单闪
配网中	两短一长	两短一长
OTA	三闪	三闪
识别	---	持续闪烁
开关模式切换成功	闪三下（间隔 100ms）	闪三下（间隔 100ms）

功能特点

MINI Extreme是一款极其小巧的Wifi零火开关,能够安装在开关暗盒中,使普通开关变为智能开关。并且支持Matter,让你无缝协同不同品牌的智能设备,构建你的家庭自动化。



语音控制



外接开关



智能定时/延时



OTA升级



支持Matter



通电反应



局域网控制



点动模式



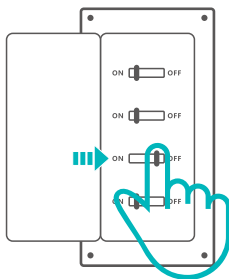
群组控制



智能场景

设备安装

1. 断电



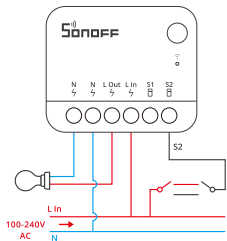
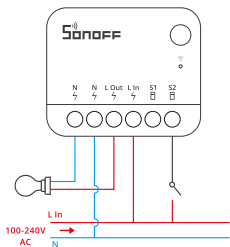
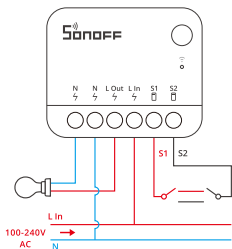
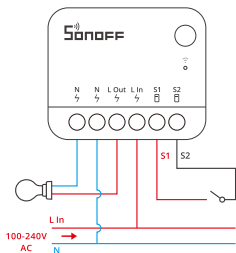
⚠ 设备安装、故障维修请由专业资质电工操作。切勿在设备通电时进行接线操作或触碰到接线端子,以免发生触电危险!

2. 接线

为确保电气安装的安全, 必须在MINIR4M前面安装符合国家安全标准额定电流为 10A 的微型断路器 (MCB) 或漏电断路器 (RCBO)。

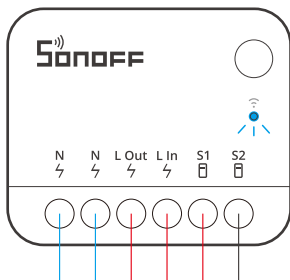
1. S1、S2 接或不接开关, 设备都可通过自动化或App来控制。

2. 确保线路接入无误。



3. 上电

通电后，设备首次使用，默认进入配网模式。网络指示灯呈“两短一长闪烁”。



- ⓘ 10分钟内没有进行配网，设备将退出配网模式。如需再次进入，长按设备按钮5秒直到网络指示灯呈两短一长闪烁即可。

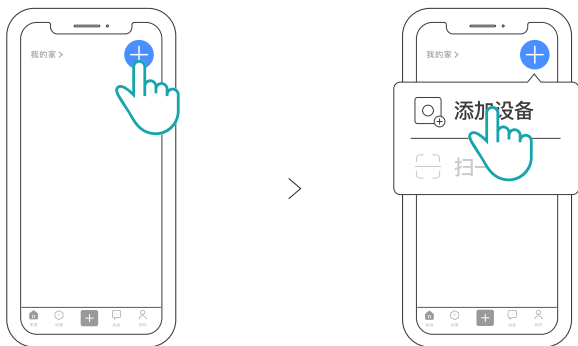
添加设备

方法1: Matter添加

打开兼容Matter的App (比如Alexa App、Apple Home App、Google Home App等)，扫描快速指南或设备机身的Matter二维码以添加设备。

方法2:易微联App配网

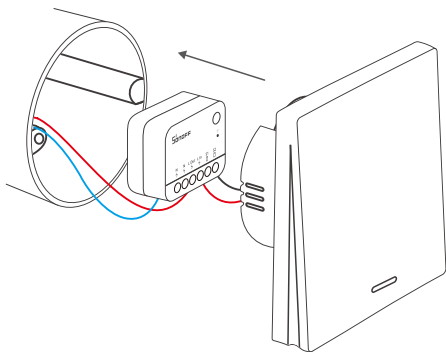
打开“易微联”App, 点击“+”. 选择“添加设备”, 再根据 App 提示进行操作。



切换开关模式

出厂默认边缘触发模式, 通过三连击设备按键可切换开关模式, 切换成功后, 设备指示灯闪三下。
(三种开关模式循环切换顺序: 边缘触发模式 → 脉冲触发模式 → 跟随模式 → 边缘触发模式.....)

将MINI Extreme安装在暗盒中



产品参数

产品型号	MINIR4M
输入	100-240V~50/60Hz 10A Max
输出	100-240V~50/60Hz 10A Max
最大功率	2400W@240V
Wi-Fi	IEEE802.11b/g/n2.4GHz
工作温度	-10°C ~ 40°C
工作湿度	5%-95%RH,无冷凝
外壳材料	PC V0
产品规格	39.5x33x16.8mm

本产品的无线电发射设备型号核准代码印于产品机身

执行标准：GB/T 16915.2-2012

产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr {VI})	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
塑料件	o	o	o	o	o	o
电子元器件	x	o	o	o	o	o
包装盒	o	o	o	o	o	o
PCB板	o	o	o	o	o	o

本表格依据SJ/T 11364 的规定编制：

o：表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下；

x：表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求。



更换设备网络

在 eWeLink App 设备设置界面选择“WiFi设置”进行更换。

恢复出厂设置

在 eWeLink App 端“删除设备”，设备即恢复出厂设置。

支持的语音平台



常见问题

1. Wi-Fi设备与易微联App配对失败

1、确保设备进入配对模式。

10分钟内设备没有配对成功，则自动退出配对模式。

2、请开启定位服务以及允许获取定位权限

配网前，请先开启手机的定位服务并允许获取定位权限。位置信息权限用于获取Wi-Fi列表信息，如果“禁用”手机定位服务，设备将无法添加。

3、确保Wi-Fi运行在2.4GHz频段。

4、确保正确输入Wi-Fi网络名称和密码，且没有包含特殊字符。

密码错误是常见的配对失败原因。

5、配对时为了确保良好的信号传输，请将设备靠近路由器。

2. LED指示灯连续闪烁两次，服务器连接失败

1、确保网络连接正常。你可以通过手机或者电脑连接网络。如果连接失败，请检查网络。

2、路由器承载力较低，连接到路由器的设备超过最大值。请查看你的路由器可以连接的最大设备数量。如果超过最大值，请删除个别设备或者更换一个承载力较高的路由器再次连接。

❗ 如果以上方法均无法解决此问题，请在易微联APP上通过“帮助&反馈”提交你的问题。

3. Wi-Fi设备“离线”问题

1、路由器连接失败

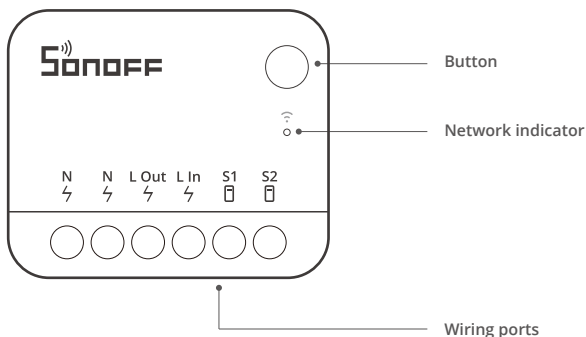
2、输入不正确的Wi-Fi网络名称和密码

3、Wi-Fi网络名称和密码包含特殊字符。例如，我们的系统无法识别希伯来语和阿拉伯语字符，导致Wi-Fi连接失败

4、路由器承载力较低

5、Wi-Fi信号太弱。路由器和设备间隔太远，或者路由器与设备之前有障碍物导致信号无法传输。

Product introduction



- ⚠ The device weight is less than 1kg, and the recommended installation height is less than 2m.

Instruction of LED indicator status

Device status	LED indicator status during eWeLink pairing	LED indicator status during Matter pairing
Online	Keeps on	Keeps on
LAN	Flashes twice	---
Offline	Flashes once	Flashes once
Pairing mode	Flashes two short and one long	Flashes two short and one long
OTA	Flashes three times	Flashes three times
Identify	---	Keep flashing
Trigger mode switched successfully	Flashes three times (100ms apart)	Flashes three times (100ms apart)

Features

MINI Extreme is an extremely compact Wi-Fi smart switch that can be installed in the mounting box, transforming your regular switch into smart switch. It supports Matter protocol, enabling seamlessly work with other smart devices from different brands to create a customized home automation system.



Voice Control



External switch



Timer Schedule



OTA Upgrade



Support Matter



Power-on State



LAN Control



Inching Mode



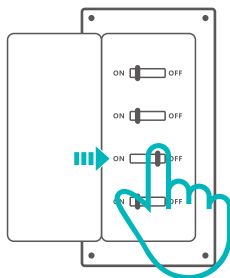
Group Control



Smart Scene

Installation

1. Power off

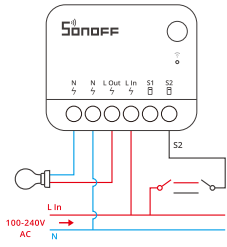
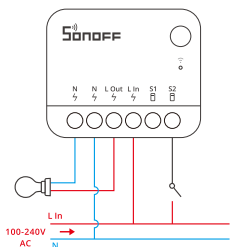
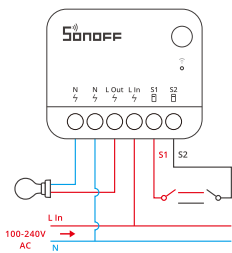
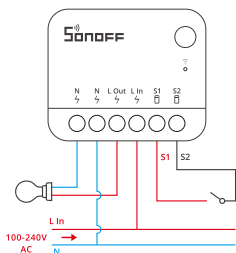


⚠ Please install and maintain the device by a professional electrician. To avoid electric shock hazard, do not operate any connection or contact the terminal connector while the device is powered on!

2. Wiring instruction

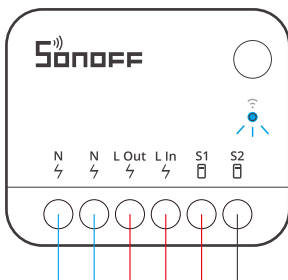
To ensure the safety of your electrical installation, it's essential either a Miniature Circuit Breaker (MCB) or a Residual Current Operated Circuit Breaker (RCBO) with an electrical rating of 10A has been installed before the MINIR4M.

1. No matter S1 and S2 are connected or left idle to the external switch, this device can be controlled by automation or the App.
2. Make sure all wires are connected correctly.



2. Power on

After powering on, the device will enter the Pairing Mode defaulted during the first use, and the Network indicator flashes in a cycle of two short and one long.



- ⓘ The device will exit the Pairing Mode if not been paired within 10mins. If you want to enter this mode again, please long press the button for 5s until the Network indicator flashes in a cycle of two short and one long and then release.

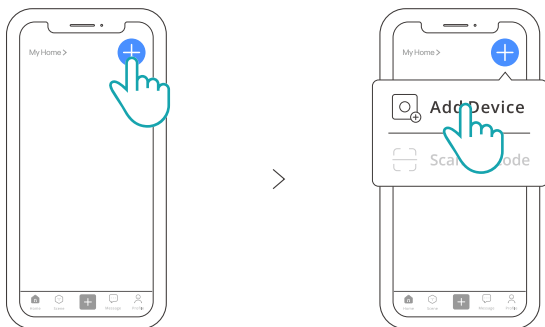
Add device

Method 1: Matter Pairing

Open a Matter-compatible App (e.g. Alexa App, Apple Home App, or Google Home App, etc) to scan the Matter QR code on the Quick Guide or the device itself to add the device.

Method 2: eWeLink App Pairing

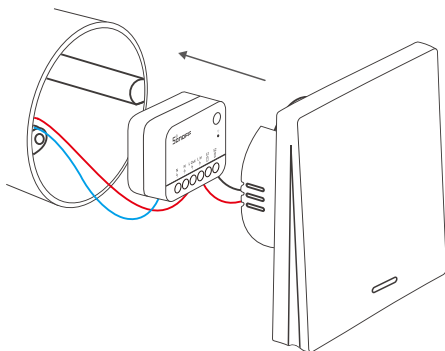
Open the eWeLink App, Tap “+” and select “Add Device”, then operate following the prompt on the App.



Switch Trigger Mode

MINIR4M default mode is the edge-trigger mode, you can switch to another mode by triple-click the device button. The LED indicator will flash three times when you switch successfully. (The three modes cycle in the following order: Edge Mode-> Pulse Mode->Following Mode->Edge Mode...)

Install the MINI Extreme in the mounting box



Specifications

Model	MINIR4M
Input	100-240V~50/60Hz 10A Max
Output	100-240V~50/60Hz 10A Max
Max. power	2400W@240V
Wi-Fi	IEEE802.11b/g/n2.4GHz
Working temperature	-10°C ~ 40°C
Working humidity	5%-95% RH, non-condensing
Casing material	PC V0
Dimension	39.5x33x16.8mm

Device Network Changing

Change the device's network by "Wi-Fi Settings" in the "Device Settings" page on the eWeLink App.

Factory Reset

Reset the device to factory settings by "Delete device" in the eWeLink App.

Supported voice assistant



FAQ (Frequently Asked Questions)

1. Fail to pair Wi-Fi devices with the eWeLink App

1、Make sure the device is in pairing mode.

The device will automatically exit the pairing mode if it is not paired within 10mins.

2、Please enable location service and allow access to location permission.

Before connecting Wi-Fi network, please enable the location service and allow access to the location permission. Location information permission is used to obtain Wi-Fi list information, if you "disable" the location service, the device cannot be paired.

3、Make sure your Wi-Fi works on 2.4GHz band.

4、Make sure to enter the Wi-Fi SSID and password correctly without special characters. Incorrect password is a common cause of pairing failure.

5、To ensure good signal transmission while pairing, please place the device close to the router.

2. The LED indicator flashes twice on repeated means the server fails to connect.

1、 Make sure the networking is normal. Check the internet works well by connecting your phone or PC. If fail to connect, please check the availability of the Internet connection.

2、 With the low load capacity of the router, the connected devices exceed the router's maximum load capacity. Please check the maximum number of devices that your router can carry, if the connected devices exceed the maximum value, remove some devices or use a higher load capacity router.

ⓘ If the above methods cannot help to solve the problem, please submit your problem to "Help & Feedback" on the eWeLink App.

3. Wi-Fi devices are "offline"

1、 Devices fail to connect to the router.

2、 Entered the wrong Wi-Fi SSID and password.

3、 Wi-Fi SSID and password contain special characters, for example, our system can't recognize Hebrew and Arabic characters, which causes Wi-Fi connections to fail.

4、 Low capacity of the router.

5、 Wi-Fi signal is weak. The router and the devices are too far apart, or there is an obstacle between the router and the device, which prevents the signal from being transmitted.

FCC Compliance Statement

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.

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

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.

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 distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

ISED Notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with RSS-247 of Industry Canada.

Operation is subject to the condition that this device does not cause harmful interference.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) L'appareil ne doit pas produire de brouillage;

(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la Classe B conforme à la norme NMB-003 du Canada.

Cet appareil est conforme à la norme RSS-247 d'Industrie Canada. Le fonctionnement est soumis à la condition que cet appareil ne provoque pas d'interférences nuisibles.

ISED Radiation Exposure Statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux rayonnements de la ISED établies pour un environnement non contrôlé.

Cet équipement doit être installé et fonctionner à au moins 20cm de distance d'un radiateur ou de votre corps.

Cet émetteur ne doit pas être co-localisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

SAR Warning

Under normal use of condition, this equipment should be kept a separation distance of at least 20cm between the antenna and the body of the user.

Dans des conditions normales d'utilisation, cet équipement doit être maintenu à une distance d'au moins 20 cm entre l'antenne et le corps de l'utilisateur.

WEEE Warning



WEEE Disposal and Recycling Information All products bearing this symbol are waste electrical and electronic equipment (WEEEas in directive 2012/19/EU) which should not be mixed with unsorted householdwaste. Instead, you should protect human health and the environment by handingover your waste equipment to a designated collection point for the recycling of waste electricaland electronic equipment, appointed by the government or local authorities. Correct disposaland recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about thelocation as well as terms and conditions of such collection points.

EU Declaration of Conformity

Hereby, Shenzhen Sonoff Technologies Co., Ltd. declares that the radio equipment type MINIR4M 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>

For CE Frequency:

Operation frequency Range:

2402-2480MHz(BLE)

802.11 b/g/n20: 2412-2472MHz

802.11 n40: 2422-2462MHz

RF Output Power:

-0.2dBm(BLE)

15.62dBm(802.11b),14.72dBm(802.11g),13.75dBm(802.11n20),

12.48dBm(802.11n40)(wifi)

Scatola	Manuale	Neto
PAP 21	PAP 22	EVA 7
Carta	Carta	Plastica
RACCOLTA DIFFERENZIATA		
Verifica le disposizioni del tuo Comune. Separa le componenti e conferiscile in modo corretto.		



Shenzhen Sonoff Technologies Co., Ltd.

3F & 6F, Bldg A, No. 663, Bulong Rd, Shenzhen, Guangdong, China

ZIP code: 518000

Website: sonoff.tech

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