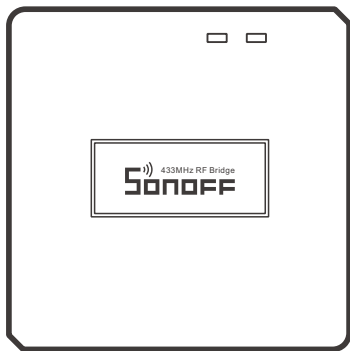


SONOFF

RF BridgeR2

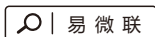
User manual V1.2



433MHz RF Bridge

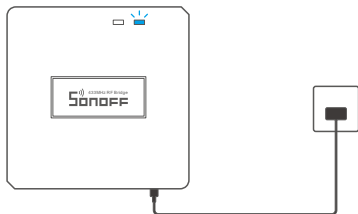
使用说明

1. 下载“易微联”APP



Android™ & iOS

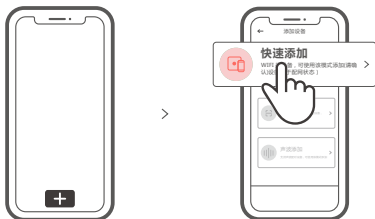
2. 上电



通电后, 设备首次使用, 默认进入快速配网模式(Touch)。Wi-Fi指示灯呈“两短一长闪烁”。

⚠ 三分钟内没有进行配网, 设备将退出快速配网模式(Touch)。如需再次进入, 长按配对按钮 5秒直到Wi-Fi指示灯呈“两短一长闪烁”即可。

3. 添加设备



点击“+”，选择“快速添加”，再根据app提示进行操作。

兼容模式(AP)

如使用快速模式配网失败,请使用“兼容模式(AP)”进行配对。

① 长按配对按钮5秒直到Wi-Fi指示灯呈“两短一长闪烁”状态,松开。再次长按配对按钮5秒直到Wi-Fi指示灯呈“快闪”状态,此时设备进入兼容模式。

② 在app界面,点击“+”,选择“兼容模式”。

先把移动设备连接上Wi-Fi账号为:ITEAD-*****,密码为:12345678,然后回到“易微联”app,点击“下一步”,等待配对完成。

子设备添加



点击“+”,选择遥控器类型,听到设备发出“滴”一声设备进入配对状态。然后操作子设备进行学习,听到“滴滴”两声,即学习完成。

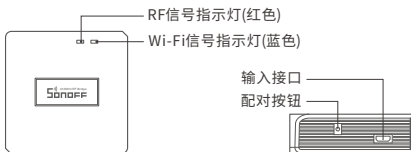
ⓘ 子设备的学习方法请在参考子设备的说明书。

ⓘ 该设备最多可添加16个子设备。

产品参数

型号	RF BridgeR2
输入	5V---1A
RF	433MHz
Wi-Fi	IEEE 802.11 b/g/n 2.4GHz
支持平台	Android & iOS
工作温度	-10°C~40°C
材料	PC V0
产品规格	62x62x20mm

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

蓝灯两短一长闪烁	快速配网模式
蓝灯快闪	兼容模式(AP)
蓝灯常亮	设备已连接
蓝灯快闪一下	找不到路由
蓝灯快闪二下	连接上路由, 但没连上外网
蓝灯快闪三下	升级中
红灯快闪	搜索添加设备中

产品特点

本设备是一款433MHz多功能网关, 设备通过433MHz转Wi-Fi, 连接多种符合433MHz通讯的设备, 可设置智能定时/延时、报警通知和分享等功能。



远程控制



智能定时



语音控制



分享功能



同步状态



报警通知



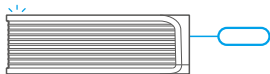
场景联动



添加摄像头

恢复出厂设置

长按配对按钮5秒直到Wi-Fi指示灯呈“两短一长闪烁”再松开，此时设备重置成功，默认进入快速配网模式(Touch)。



❗ 更换新的网络环境使用时，需要恢复出厂设置，再重新进行网络连接。

常见问题

问：设备添加成功后，显示离线，无法控制？

答：设备刚添加成功后，需要1-2分钟时间连接您的路由器并连网。如果长时间还是显示不在线，请根据Wi-Fi指示灯的状态来判断：

1. 蓝灯2秒快闪一下：说明设备没有连上您的Wi-Fi。

① 可能是Wi-Fi密码输入不正确。

② 可能是设备离您的路由器太远，信号太弱，或环境有干扰。请先将设备靠近路由器，如无改善，重新添加一遍。

③ 设备不能识别5G的Wi-Fi，请选择2.4G的Wi-Fi重新添加。

④ 检查您的路由器后台是否开启MAC地址过滤，如有，请关闭。

如果以上均尝试不能解决，请用一部手机开启个人热点，尝试重新添加。

2. 蓝灯2秒快闪两下：说明设备已连接到了Wi-Fi但没有连上外网。

请确认您的Wi-Fi当前连接外网是否稳定、正常。如时好时坏，频繁出现这种双闪情况，说明您的网络不稳定，并非产品原因。

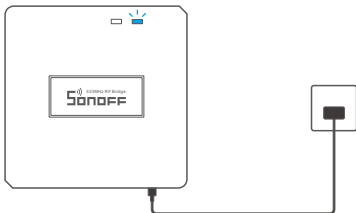
Operating Instruction

1. Download "eWeLink" APP



Android™ & iOS

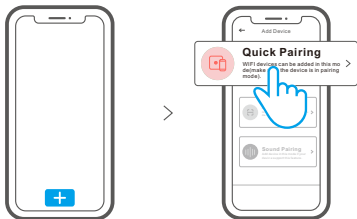
2. Power on



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.

⚠ 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 pairing button for about 5s until the Wi-Fi LED indicator changes in a cycle of two short and one long flash and release.

3. Add Bridge



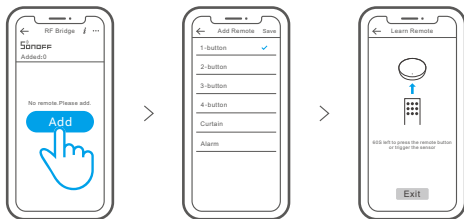
Tap "+" and select "Quick Pairing", then operate following the prompt on the APP.

Compatible Pairing Mode

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

- 1 Long press 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 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.

Add sub-devices



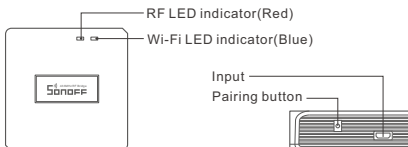
Tap "+" and select the remote controller type, then a "Beep" indicates that the device enters quick pairing mode. Proceed to operate on the sub-device to pair and "Beep Beep" indicates that the pairing is successful.

- ⓘ Please refer to the user manual of the sub-device for pairing method.
- ⓘ The device can add up to 16 sub-devices.

Specifications

Model	RF BridgeR2
Input	5V---1A
RF	433MHz
Wi-Fi	IEEE 802.11 b/g/n 2.4GHz
Operating systems	Android & iOS
Working temperature	-10°C~40°C
Material	PC V0
Dimension	62x62x20mm

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
Blue LED flashes (one long and two short)	Quick Pairing Mode
Blue LED flashes quickly	Compatible Pairing Mode (AP)
Blue LED keeps on	Device is connected successfully
Blue LED flashes quickly once	Unable to discover the router
Blue LED flashes quickly twice	Connect to the router but fail to connect to Wi-Fi
Blue LED flashes quickly three times	Upgrading
Red LED flashes quickly	Searching and adding ...

Features

This is a 433MHz RF bridge with multiple features that allows you to connect a variety of 433MHz wireless devices through switching 433MHz to Wi-Fi. You can set schedules, countdowns, alarm notifications and more.



Remote Control



Single/Countdown Timing



Voice Control



Share Control



Sync Status



Alarm notification



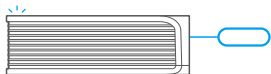
Smart Scene



Camera Feature

Factory Reset

Long press the pairing button for about 5s until the Wi-Fi LED indicator changes in a cycle of two short and one long flash and release, then the reset is successful. The device enters quick pairing mode (Touch).



- ❗ Please reset the device to factory defaults if you want to change the Wi-Fi network, then reconnect the new network.

Common Problems

Q: Why my device stays “Offline”?

A: The newly added device needs 1 – 2mins to connect 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 a 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 datanetwork 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 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 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 RF BridgeR2 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 RED:

TX Frequency

WiFi: 2412-2472MHz SRD: 433MHz

RX Frequency

WiFi: 2412-2472MHz SRD: 433MHz

Output Power

802.11 b: 15.67dBm 802.11 g: 5.93dBm

802.11 n20: 10.91dBm SRD: -8.52dBm



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MADE IN CHINA

