SONOFF

ZB Bridge-P

User manual V1.0

NEW

ZigBee Bridge
SONOFF

New Zigbee Bridge

产品介绍

Zigbee信号指示灯(绿色)
Wi-Fi信号指示灯(蓝色)
输入接口
配对按钮
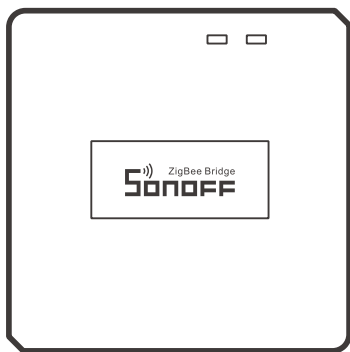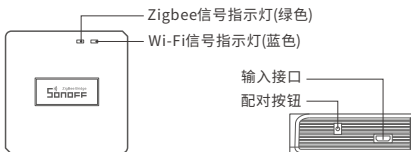
ⓘ 设备重量＜1Kg,建议安装高度＜2米。

信号指示灯状态说明
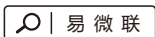
状态	
蓝灯两短一长闪烁	Zigbee配网模式
蓝灯快闪	兼容模式(AP)
蓝灯常亮	设备在线
蓝灯快闪一下	未连接路由
蓝灯快闪二下	已连接上路由器,但未连接到云端
蓝灯快闪三下	固件升级中
绿灯慢闪	搜索添加子设备中

产品特点

本设备是一款Zigbee多功能网关,网关通过Wi-Fi转Zigbee的方式进行连接控制多种Zigbee设备,实现远程控制该设备的开和关、设置智能定时和分享给您的家人一起控制等等。

使用说明
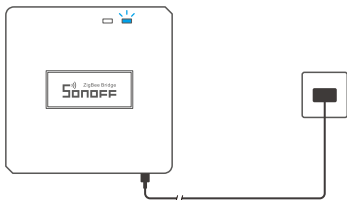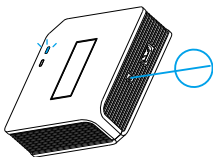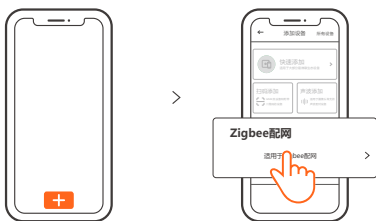
1. 下载"易微联"APP

🔍 | 易 微 联

Android™ & iOS

2. 上电

使用 Micro USB 线给设备通电。 通电后，设备首次使用，默认进入Zigbee配网模式,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Zigbee配网模式。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Zigbee网关

点击"+"，选择"Zigbee配对"，再根据 App 提示进行操作。

4. 在 Zigbee 网关中添加 Zigbee 子设备

先把子设备设置进入配对状态,再点击网关界面中的"添加",等待搜索完成添加子设备。

ⓘ 通过中继功能,单个网关目前最多可添加128个子设备。

兼容模式(AP)

如使用Zigbee配对模式配网失败,请使用"兼容模式(AP)"进行配对。

❶ 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。

❷ 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。

产品参数

型号	ZB Bridge-P
输入	5V⎓1A
无线连接	Wi-Fi IEEE 802.11 b/g/n 2.4GHz,Zigbee 3.0
App支持系统	Android & iOS
工作温度	-10℃~40℃
外壳材料	PC V0
产品规格	62x62x20mm

取消报警声

通过场景联动触发网关声音报警，可通过以下任意方法静音：
1. 用卡针短按网关配对按钮。
2. 在eWelink App网关页面点击红色喇叭图标。
3. 通过场景联动设置使网关静音。

设备当前支持的Zigbee子设备

品牌	SONOFF			eWeLink
产品型号	BASICZBR3 ZBMINI ZBMINI-L S31 Lite zb S40ZBTPA Lite S26R2ZB (TPE/TPG/TPF)	SNZB-01 SNZB-02 SNZB-03 SNZB-04 S40ZBTPB Lite	SNZB-01P SNZB-02P SNZB-03P SNZB-04P	SA-003-UK SA-003-US

⊙ 后续持续增加支持的Zigbee子设备。

⊙ 设备还支持其他标准Zigbee协议的子设备：二路/三路/四路开关，水浸传感器，烟雾传感器，球泡灯等。

删除Zigbee子设备

连续长按配对按钮10秒直到Zigbee信号指示灯"闪烁两下"，即所有已配对的ZigBee子设备已删除。
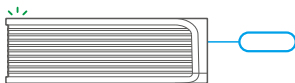
⊙ 删除单个Zigbee子设备，可在APP端删除。

当前设备支持的ZigBee子设备FCC ID如下：
SNZB-01P FCC ID： 2APN5SNZB-01P
SNZB-02P FCC ID： 2APN5SNZB-02P
SNZB-03P FCC ID： 2APN5SNZB-03P
SNZB-04P FCC ID： 2APN5SNZB-04P

恢复出厂设置

在 eWeLink App 端"删除设备",设备即恢复出厂设置。

常见问题

Wi-Fi设备与 eWeLink APP 配对失败。
1. 确保设备处于配对模式。三分钟内没进行配网,设备将自动退出配对模式。
2. 请开启定位服务并允许定位权限。在选择 Wi-Fi 网络之前,请开启定位服务并允许定位权限。位置信息权限用于获取 Wi-Fi 列表信息。如果单击禁用,您将无法添加设备。
3. 确保您的 Wi-Fi 网络为 2.4GHz 频段。
4. 确保您输入了正确的 Wi-Fi SSID 和密码,没有包含特殊字符。密码错误是配对失败的一个非常常见的原因。
5. 配对时设备应靠近路由器,以保证良好的传输信号条件。

Wi-Fi 设备"离线"问题,请通过 Wi-Fi LED 指示灯状态检查以下问题:

LED 指示灯每 2 秒闪烁一次,表示您无法连接到路由器。
1. 可能您输入了错误的 Wi-Fi SSID 和密码。
2. 确保您的 Wi-Fi SSID 和密码不包含特殊字符,例如希伯来语、阿拉伯语字符,我们的系统无法识别这些字符,因此无法连接到 Wi-Fi。
3. 可能你的路由器承载能力较低。
4. 可能是 Wi-Fi 强度较弱。您的路由器距离您的设备太远,或者路由器和设备之间可能存在阻碍信号传输的障碍物。
5. 确保设备的 MAC 不在您的 MAC 管理黑名单中。

LED 指示灯重复闪烁两次表示您无法连接到服务器。
1. 确保互联网连接正常。您可以使用您的手机或PC连接互联网,如果无法访问,请检查互联网连接的可用性。
2. 可能你的路由器承载能力不高。连接到路由器的设备数量超过其最大值。请确认您的路由器可以携带的最大设备数量。如果超过,请删除一些设备或换个更大的路由器再试。
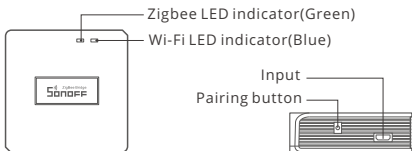3. 请联系您的 ISP 并确认我们的服务器地址没有被屏蔽:
   cn-disp.coolkit.cc(中国大陆)
   as-disp.coolkit.cc(亚洲除中国外)
   eu-disp.coolkit.cc(在欧盟)
   us-disp.coolkit.cc(美国)
如果以上方法均无法解决此问题,请通过 eWeLink APP 上的帮助&反馈提交您的请求。

Product Introduction

Zigbee LED indicator(Green)
Wi-Fi LED indicator(Blue)

Input
Pairing button

ⓘ 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	
Blue LED flashes (one long and two short)	Zigbee LED Pairing Mode
Blue LED flashes quickly	Compatible Pairing Mode (AP)
Blue LED keeps on	Device is Oline
Blue LED flashes quickly once	Fail to Connect to Router
Blue LED flashes quickly twice	Connected to Router but Fail to Connect to Serve
Blue LED flashes quickly three times	Firmware Updating
Green LED flashes slowly	Searching and adding ...

Features

This is a Zigbee Bridge that allows you to control a variety of Zigbee devices by transforming Wi-Fi into Zigbee. You can remotely turn on/off or schedule on/off connected Zigbee devices, or share it with your family to control them together.
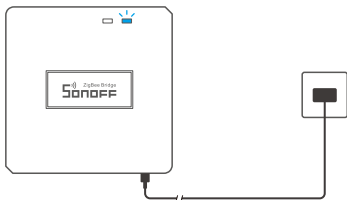
# Operating Instruction

1. Download "eWeLink"App

🔍 | eWeLink

 Download on the
App Store

GET IT ON
Google Play
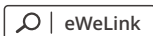
Android™ & iOS

2. Power on

Power the device through Micro USB cable. After powering on, the device will enter the Zigbee Pairing Mode 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 Zigbee Pairing Mode if not paired within 3mins. If you want to enter this mode, please long press pairing button for about 5s until the Wi-Fi LED indicator changes in a cycle of two short and one long flash and release.
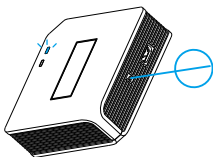
3. Add Zigbee Bridge
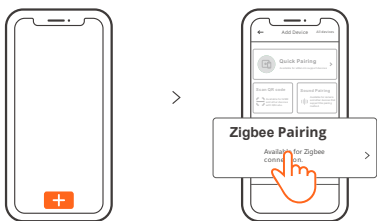
Tap "+" and select "Zigbee Pairing", then operate following the prompt on the App.

4. Add Zigbee sub-devices to Zigbee Bridge

Make the sub-devices enter the pairing mode, tap "Add" icon on the Zigbee Bridge interface, then wait it to find the sub-devices and pair.
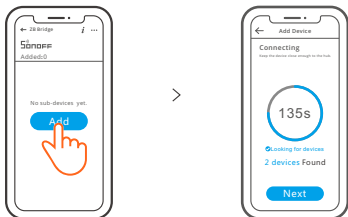
ⓘ Through connecting the routers, single Zigbee Bridge can add up to 128 sub-devices.

Compatible Pairing Mode

If you fail to enter Zigbee Pairing Mode, please try "Compatible Pairing Mode" to pair.

❶ 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.

❷ 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	ZB Bridge-P
Input	5V⎓1A
Wireless connections	Wi-Fi IEEE 802.11 b/g/n 2.4GHz，Zigbee 3.0
App operating systems	Android & iOS
Working temperature	-10℃~40℃
Casing Material	PC V0
Product Size	62x62x20mm

Cancel the alarm sounds

The gateway alarm sounds that triggered by setting scene control can be muted in any following ways:

1. Press the gateway pairing button with a SIM Pick.
2. Click the red "speaker" icon on the gateway interface of eWeLink App.
3. Mute the gateway through scene control settings.

Currently supported Zigbee sub-devices

Brands	SONOFF		eWeLink
Models	BASICZBR3 ZBMINI ZBMINI-L S31 Lite zb S40ZBTPA Lite S26R2ZB (TPE/TPG/TPF)	SNZB-01 SNZB-01P SNZB-02 SNZB-02P SNZB-03 SNZB-03P SNZB-04 SNZB-04P S40ZBTPB Lite	SA-003-UK SA-003-US

ⓘ The number of supported Zigbee sub-devices will continue to be increased.

ⓘ This device is also supported other standard Zigbee sub-devices: 2-gang/3-gang/4-gang wall switches, water sensor, smoke sensor, bulb and etc.

Delete Zigbee sub-devices

Long press the pairing button for 10s until Zigbee LED signal indicator "flashes twice", then all paired sub-devices have been deleted.
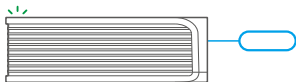
ⓘ Users can delete the single sub-device on eWeLink APP.

Factory Reset

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

Common Problems

Fail to pair Wi-Fi devices to eWeLink APP

1. Make sure the device is in pairing mode. After three minutes of unsuccessful pairing, the device will automatically exit pairing mode.
2. Please turn on location services and allow location permission. Before choosing the Wi-Fi network, location services should be turned on and location permission should be allowed. Location information permission is used to obtain Wi-Fi list information. If you click Disable, you will not be able to add devices.
3. Make sure your Wi-Fi network runs on the 2.4GHz band.
4. Make sure you entered a correct Wi-Fi SSID and password, no special characters contained.Wrong password is a very common reason for pairing failure.
5. The device shall get close to the router for a good transmission signal condition while pairing.

Wi-Fi devices "Offline" issue, Please check the following problems by the Wi-Fi LED indicator status:

The LED indicator blinks once every 2s means you fail to connect to the router.
1. Maybe you entered the wrong Wi-Fi SSID and password.
2. Make sure that your Wi-Fi SSID and password don't contain special characters, for example, the Hebrew, Arabic characters, our system can't recognize these characters and then fail to connect to the Wi-Fi.
3. Maybe your router has a lower carrying capacity.
4. Maybe the Wi-Fi strength is weak. Your router is too far away from your device, or there may be some obstacle between the router and device which blocks the signal transmission.
5. Be sure that the MAC of the device is not on the blacklist of your MAC management.

The LED indicator flashes twice on repeated means you fail to connect to the server.

1. Make sure the Internet connection is working. You can use your phone or PC to connect to the Internet, and if it fails to access, please check the availability of the Internet connection.
2. Maybe your router has a low carrying capacity. The number of devices connected to the router exceeds its maximum value. Please confirm the maximum number of devices that your router can carry. If it exceeds, please delete some devices or get a lager router and try again.
3. Please contact your ISP and confirm our server address is not shielded:
   cn-disp.coolkit.cc (China Mainland)
   as-disp.coolkit.cc (in Asia except China)
   eu-disp.coolkit.cc (in EU)
   us-disp.coolkit.cc (in US)
If none of the above methods solved this problem, please submit your request via help&feedback on the eWeLink APP.

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 ZB Bridge-P 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

zigbee
certified
product

The FCC IDs of ZigBee sub devices supported by the current device are as follows：
SNZB-01P FCC ID：2APN5SNZB-01P
SNZB-02P FCC ID：2APN5SNZB-02P
SNZB-03P FCC ID：2APN5SNZB-03P
SNZB-04P FCC ID：2APN5SNZB-04P

Shenzhen Sonoff Technologies Co., Ltd.

1001, BLDG8, Lianhua Industrial Park, shenzhen, GD, China
ZIP code: 518000   Website: sonoff.tech

MADE IN CHINA