User Manual SNZB-04PR1 (EN)



Zigbee Door/Window Sensor

User Manual V1.0

Introduction

SNZB-04PR1 is a Zigbee 3.0 protocol-based door/window sensor equipped with a tamper-proof feature. It senses the open and close status of doors and windows by detecting the proximity of the transmitter and magnet. This sensor seamlessly interacts with other smart devices to easily create various scenarios, such as automatically turning on lights when a door is opened, triggering audible and visual alarms in case of unauthorized entry, and sending app notifications to keep you informed.



Low Battery Notification



View History



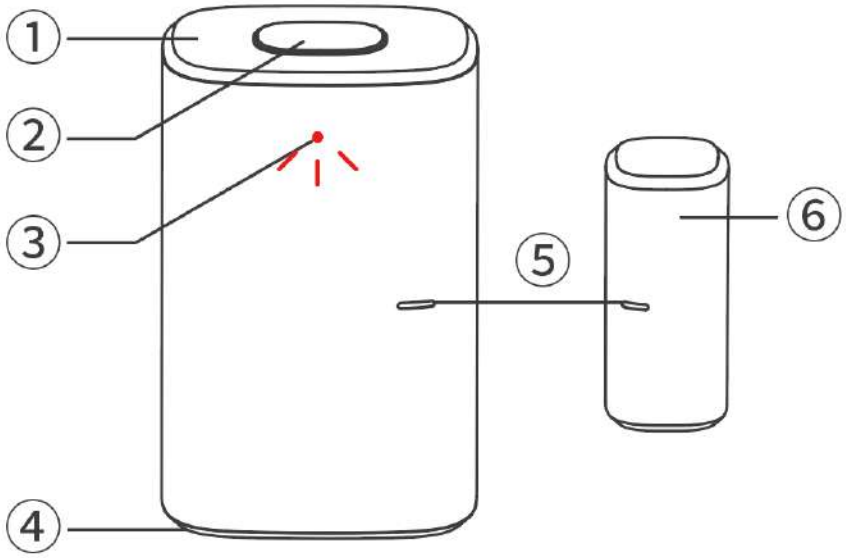
Tamper Alarm



Smart Scene

ⓘ The functional characteristics depend on the functionality of the Zigbee gateway.

ⓘ The equipment is only suitable for mounting at heights ⩽ 2 m.



① Transmitter	② Button	③ LED indicator (Red)
④ Battery cover	⑤ Alignment mark for installation	⑥ Magnet

Instruction of LED indicator status

LED indicator status	Status instruction
Flash slowly for 180s	First–time power on/press and hold button for 5s to enter pairing mode
Keep on for 3s and then remain off	Pairing success
Exit flashing slowly and remain off	Pairing failure/timeout
Flash once quickly	Not added to the gateway, and short press the button
Flash twice quickly	Added to the gateway and online, and short press the button

Flash slowly for 30s	Abnormal communication

Specification

Model	SNZB-04PR1
MCU	EFR32MG22
Input	3V⎓
Battery model	CR2477
Zigbee	IEEE802.15.4
Product dimension	Transmitter (50.5 × 33 × 20 mm), magnet (27 × 12 × 12 mm)
Net weight	37.4 g (with battery)
Casing materials	PC
Color	White
Pairing time	180 s
Communication distance	Open area 100 m
Applicable place	Indoor
Working temperature	-10°C ~ 60°C
Working humidity	5-95%RH, non-condensing
FCC ID	2APN5-SNZB04PR1
Certificate	CE/FCC/RoHS

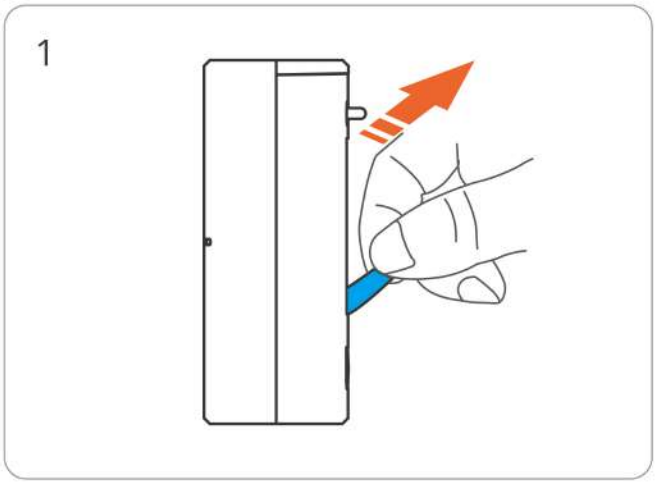
Download the eWeLink App & Add the SONOFF Zigbee gateway

Please download the "**eWeLink**" App from **Google Play Store** or **Apple App Store**

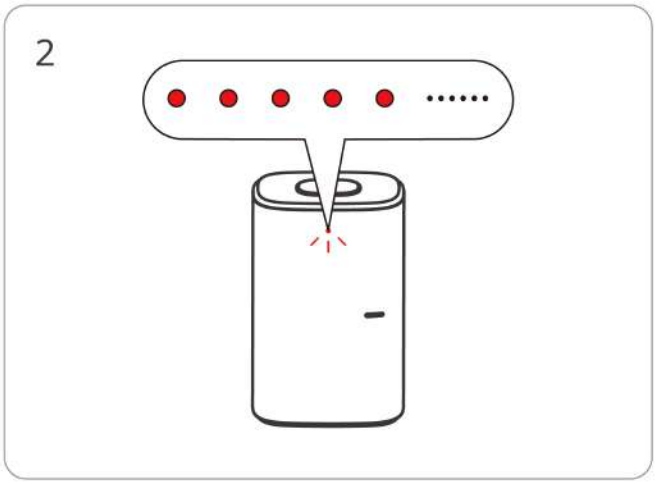
ITEAD - 黎业军(2602432)

eWeLink

Power On



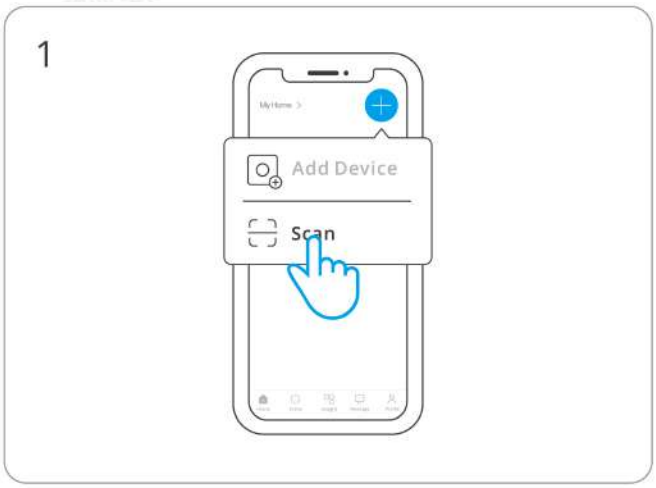
Take out the battery insulation sheet.



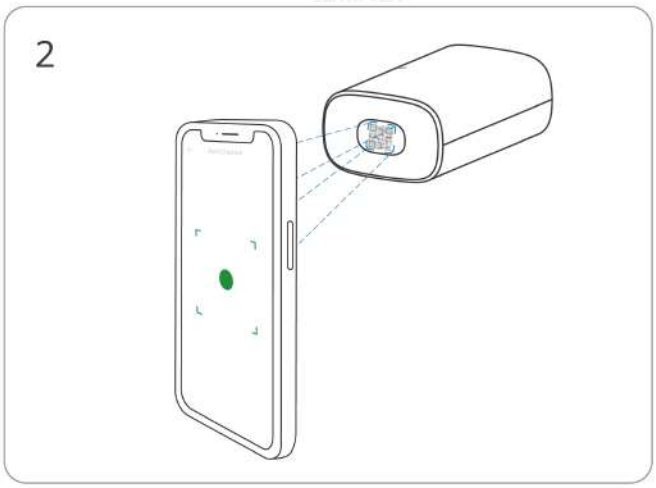
If used for the first time, the device will enter pairing mode by default after being powered on, and the LED indicator will be in a slow flashing state.

ⓘ If the device is not paired within 3 minutes, it will exit pairing mode. To re-enter pairing mode, long press the device button for 5 seconds until the LED indicator is in a slow flashing state.

Add Device



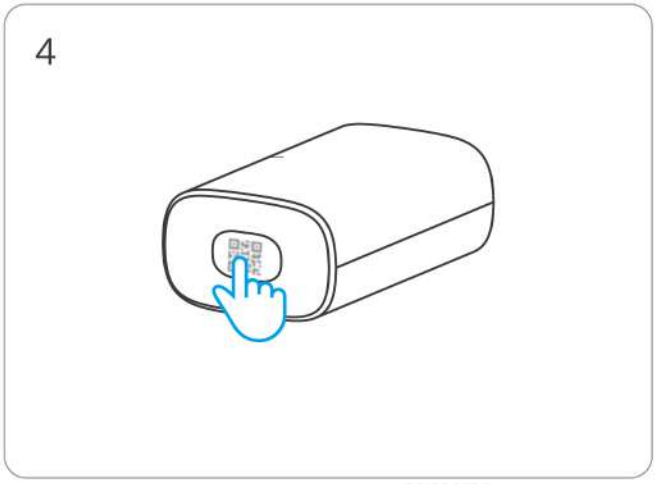
Enter "Scan"



Scan the QR code on the device

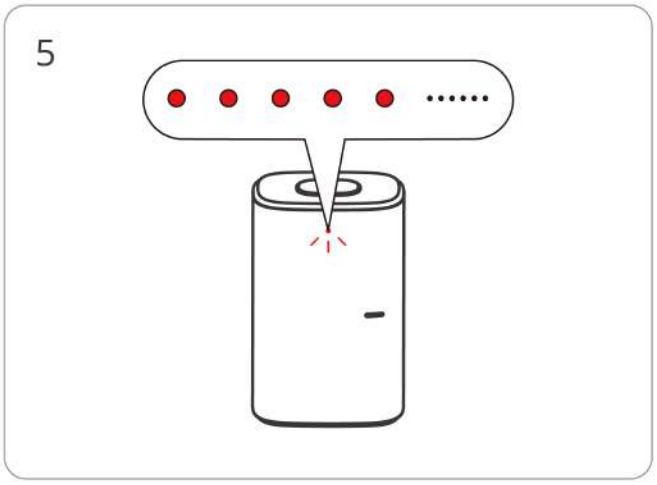


Select "Add Device"



(If the device exits pairing mode)

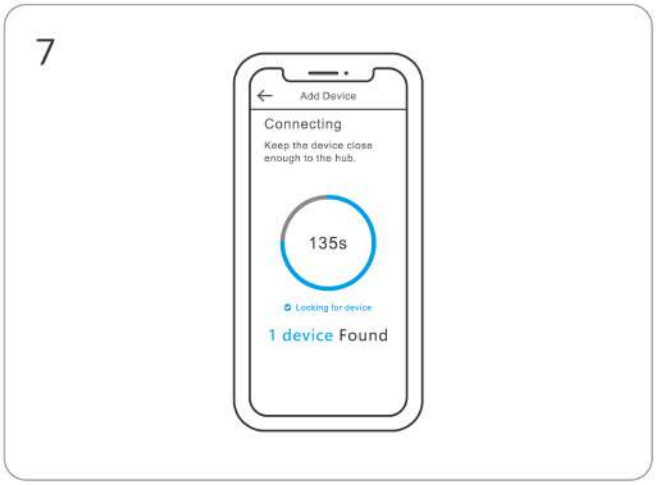
Long press the button for 5 seconds



Check the LED flashing status(slow flashing)



Select a Zigbee gateway



Wait until the device is added

Compatible Zigbee Gateways

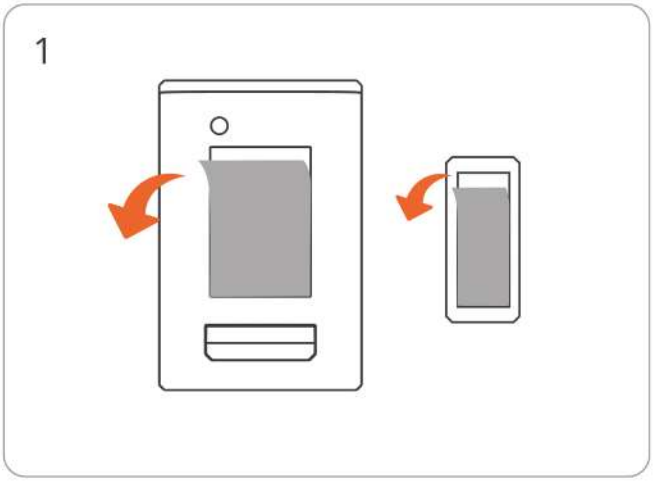
Compatible Gateways	
Recommended SONOFF Gateways	ZBBridge, ZBBridge-P, ZBBridge-U, NSPanel Pro, iHost
Other Compatible SONOFF Gateways	ZBDongle-P, ZBDongle-E, Dongle-M, Dongle-PMG24, Dongle-LMG21
Compatible Third-party Gateways	Echo Plus 2nd, Echo 4th Gen, Echo Show 2nd, SmartThings Hub V3, Aeotec Smart Home Hub V3

ⓘ The device supports other gateways using the Zigbee 3.0 protocol. Compatibility is subject to the actual product.

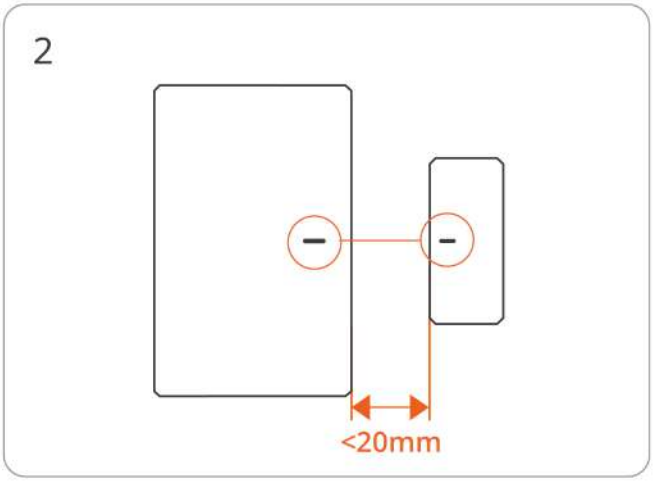
Effective Communication Range Verification

Short press the device button at the desired location for installation after adding the device. If the sensor is within the effective communication range of the hub or router on the same Zigbee network, the LED indicator will flash twice.

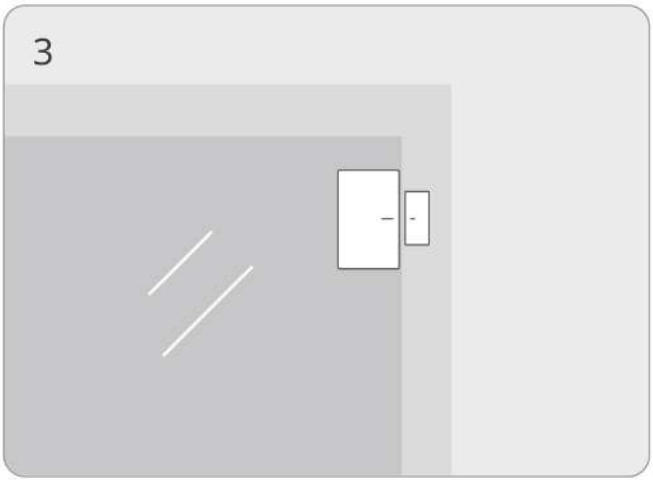
Installation



Tear off the protective film of the 3M adhesive.

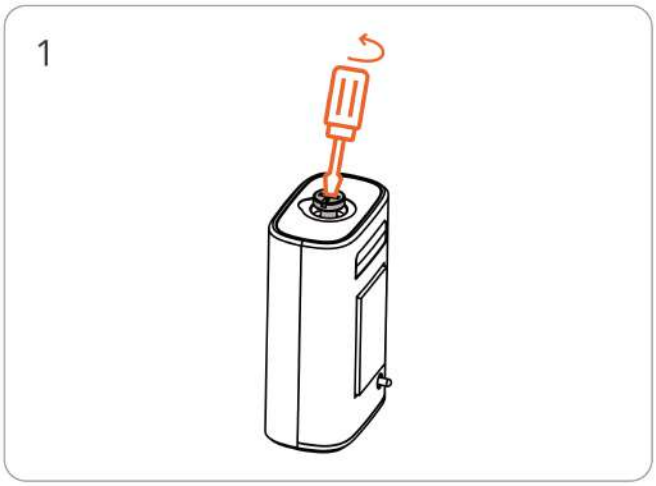


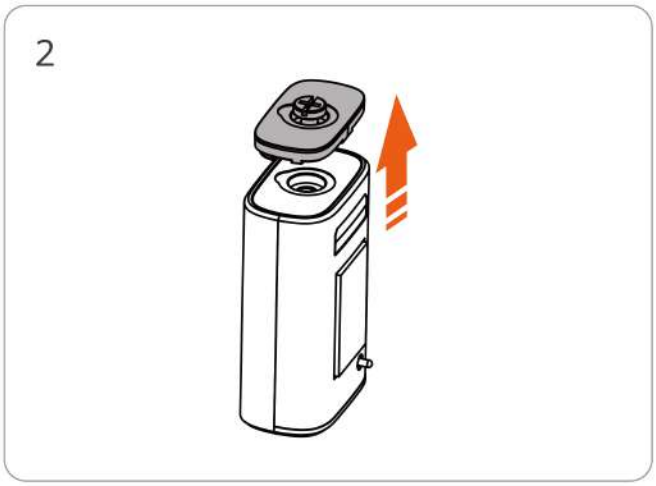
Align the mark line on the magnet with that on the transmitter during installation.
(The minimum distance between transmitter and magnet when the door/window is closed should be less than 20 mm.)



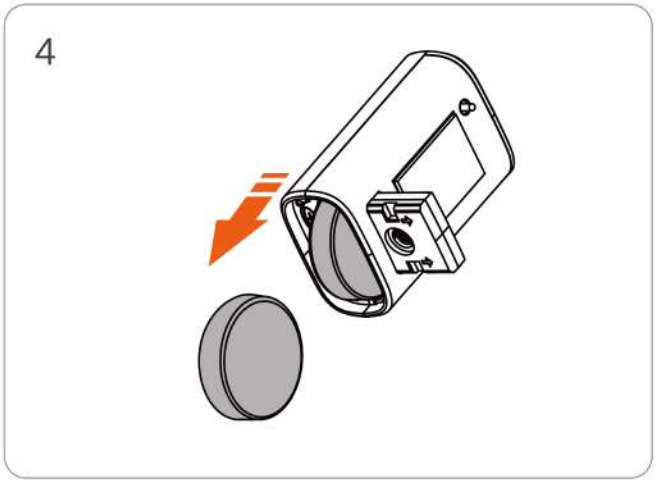
Install them in the opening and closing area separately(such as windows).

Replace the Battery









ITEAD - 黎业军(2602432)

FCC compliance statement

Responsible Party Name: SONOFF TECHNOLOGY LLC

Address: 14777 NE 40th St, Suite 201 Bellevue, WA 98007

Email Address: usres@itead.cc FCC ID: 2APN5–SNZB04PR1

1. 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 a 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.

EU Declaration of Conformity

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

SNZB-04PR1 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/compliance/

For CE frequency

EU Operating Frequency Range:

Zigbee: 2405—2480 MHz

EU Output Power:

Zigbee≤10dBm

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

WEEE Disposal and Recycling Information

ITEAD - 黎业军(2602432)



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



WARNING

· Do not ingest battery, Chemical Burn Hazard.

· This product contains a coin / button cell battery. If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

· Keep new and used batteries away from children.

· If the battery compartment does not close securely, stop using the product and keep it away from children.If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

· Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.

· A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

· Do not replace a battery with an incorrect type.

· Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

· This appliance contains non–rechargeable batteries; these batteries must not be recharged.

UL 4200A compliance statement

⚠ WARNING

- **INGESTION HAZARD**: This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical**
- **Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN.**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



Warning: contains coin battery.

• Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.

• Even used batteries may cause severe injury or death.

• Call a local poison control center for treatment information.

• Compatible battery type: CR2477

• Nominal battery voltage: 3V⎓

• Non–rechargeable batteries are not to be recharged.

• Do not force discharge, recharge, disassemble, heat above 60℃ or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

• Ensure the batteries are installed correctly according to polarity(+ and –)•

• Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon–zinc, or rechargeable batteries.

• Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.

• Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

Scatola	Manuale	Borsa	Borsa
PAP 21	PAP 22	CPE 1	LDPE 4
Carta	Carta	Plastica	Plastica
RACCOLTA DIFFERENZIATA			
Verifica le disposizioni del tuo Comune. Separa le componenti e conferiscile in modo corretto.			

Manufacturer: Shenzhen Sonoff Technologies Co., Ltd.

Address: 3F & 6F, Bldg A, No. 663, Bulong Rd, Shenzhen, Guangdong, 518000, China

Service email: support@itead.cc Website: sonoff.tech

Made in China

