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SONOFF SNZB-04P

SONOFF SNZB-04P Zigbee Door Window Sensor User Manual

Model: SNZB-04P

1. Product Overview

The SONOFF SNZB-04P is a Zigbee 3.0 protocol-based door/window sensor designed to enhance home security and enable smart automation. It features a tamper-proof mechanism and integrates seamlessly with compatible Zigbee hubs. This sensor allows for various smart scenarios, such as automatic light activation upon door opening, triggering alarms for unauthorized entry, and sending real-time notifications to your smartphone.

Package Contents:

- SONOFF SNZB-04P Door Window Sensor (Main Unit)
- Magnet (Small Unit)
- Adhesive Tape
- User Manual
- Batteries (2 C batteries included)

Image: The SONOFF SNZB-04P sensor, showing the main unit and the smaller magnet unit. The image also displays a smartphone screen illustrating the sensor's status as 'Open' with a battery level indicator.

2. Specifications

Attribute	Value
Model Number	SNZB-04P
Manufacturer	SONOFF
Connectivity	Zigbee 3.0
Power Source	Battery Powered (2 C batteries included)
Dimensions	2 x 1.3 x 0.86 inches (Main Unit)
Item Weight	2.89 ounces

Color	White
Features	Tamper Alert, Local Smart Scene Support

3. Setup and Installation

3.1 Before You Begin

- Ensure you have a compatible Zigbee hub (e.g., SONOFF NSPanel Pro, SONOFF iHost, SONOFF ZB Bridge Pro, SONOFF ZBDongle-E, Echo Plus 2nd Gen).
- Confirm your smartphone has the necessary SONOFF app installed and is connected to your home network.
- Verify the included C batteries are properly inserted into the sensor.

3.2 Pairing the Sensor with Your Zigbee Hub

1. **Power On:** Ensure the sensor has batteries inserted and is powered on.
2. **Enter Pairing Mode:** Refer to your Zigbee hub's manual to put it into pairing mode. This usually involves pressing a button on the hub or initiating pairing through its app.
3. **Activate Sensor Pairing:** On the SNZB-04P sensor, locate the pairing button (often a small pinhole button). Press and hold it for approximately 5 seconds until the LED indicator on the sensor blinks, indicating it's in pairing mode.
4. **Confirm Pairing:** Once successfully paired, the sensor's LED will stop blinking, and it should appear in your Zigbee hub's connected devices list within the app.

3.3 Mounting the Sensor

The sensor consists of two parts: a main unit and a smaller magnet unit. For proper operation, these two parts must be mounted in close proximity (typically within 10mm) on a door or window frame and its corresponding moving part.

1. **Choose Location:** Select a clean, dry surface on your door/window frame and the door/window itself. Ensure the two parts can align correctly when the door/window is closed.
2. **Clean Surface:** Wipe the mounting areas with a clean cloth to ensure good adhesion.
3. **Apply Adhesive:** Peel the backing from the adhesive tape provided and apply it to the back of both the main sensor unit and the magnet unit.
4. **Mount Units:** Attach the main sensor unit to the fixed frame of the door/window. Attach the magnet unit to the moving part of the door/window, ensuring it aligns with the marked area on the main sensor unit when the door/window is closed. The gap between the two parts should be minimal (ideally less than 10mm) when closed.
5. **Test:** Open and close the door/window to verify that the sensor registers the change in status within your app.

4. Operation

4.1 Monitoring Door/Window Status

Once installed and paired, the SNZB-04P sensor will report its status (Open or Closed) to your Zigbee hub and the associated mobile application. You can view the current status in real-time through the SONOFF app.

Image: A smartphone screen showing the SONOFF app interface for the door sensor. It indicates the sensor is 'Open' and displays a timestamp for the last status change, along with a battery level indicator.

4.2 Tamper Alert

The sensor is equipped with a tamper-proof feature. If the sensor is removed from its mounted position or tampered with, you will receive an immediate notification on your smartphone via the SONOFF app, enhancing your security.

4.3 Smart Scene Automation

Leverage the sensor's capabilities to create automated smart scenes within your Zigbee ecosystem:

- **Automatic Lighting:** Configure a scene to automatically turn on lights when a door or window is opened.
- **Security Alarms:** Set up an audible and visual alarm to trigger if the sensor detects unauthorized entry while your security system is armed.
- **Notifications:** Receive instant app notifications for any door/window activity, keeping you informed of your home's status.

- **Local Smart Scene:** The sensor supports local smart scenes, meaning scene linkages between Zigbee devices can function even if your internet connection is temporarily lost, provided the devices remain powered.

5. Maintenance

5.1 Battery Replacement

The SNZB-04P sensor is powered by 2 C batteries. When the battery level is low, you will receive a notification in the SONOFF app. To replace the batteries:

1. Gently open the casing of the main sensor unit.
2. Remove the old batteries.
3. Insert new 2 C batteries, ensuring correct polarity.
4. Close the casing securely.
5. Verify the sensor reconnects to your hub and reports a healthy battery status in the app.

5.2 Cleaning

Wipe the sensor units periodically with a soft, dry cloth to remove dust and debris. Do not use liquid cleaners or abrasive materials, as these can damage the device.

6. Troubleshooting

6.1 Sensor Not Responding/Offline

- **Check Batteries:** Ensure the batteries are not depleted. Replace them if necessary.
- **Zigbee Network Range:** The sensor might be too far from your Zigbee hub or a strong Zigbee router. Try moving the sensor closer to the hub or adding a Zigbee repeater.
- **Interference:** Other wireless devices (Wi-Fi routers, microwaves) can cause interference. Try to minimize these sources near the sensor or hub.
- **Re-pair:** If the issue persists, try re-pairing the sensor with your Zigbee hub following the steps in Section 3.2.

6.2 Inaccurate Open/Closed Status

- **Alignment:** Ensure the main sensor unit and the magnet unit are properly aligned and within the recommended distance (typically less than 10mm) when the door/window is closed.
- **Mounting Surface:** Verify that the sensor is securely mounted and not shifting.

6.3 Tamper Alert Triggering Falsely

- **Secure Mounting:** Ensure the sensor is firmly attached to the surface and not loose. Any movement of the sensor itself can trigger the tamper alert.

7. Warranty and Support

7.1 Limited Warranty

SONOFF products typically come with a limited warranty against defects in materials and workmanship under normal use. Please refer to the official SONOFF website or your purchase documentation for specific warranty terms and duration.

7.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact SONOFF customer support through their official website or the contact information provided in your product packaging.
SONOFF Official Website: www.sonoff.com

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Related Documents - SNZB-04P

	SONOFF SNZB-04P Zigbee Door/Window Sensor User Manual User manual for the SONOFF SNZB-04P Zigbee low-energy wireless door/window sensor. Learn about product features, installation, specifications, and FCC warnings.
	SONOFF SNZB-04P Zigbee Door/Window Sensor User Manual V1.0 User manual for the SONOFF SNZB-04P Zigbee 3.0 Door/Window Sensor. Covers installation, setup, LED indicators, specifications, pairing, FCC, ISED, EU compliance, and battery safety information.
	SONOFF ZB Bridge-P User Manual: Setup, Features, and Troubleshooting User manual for the SONOFF ZB Bridge-P, a smart home Zigbee gateway that connects Zigbee devices to your Wi-Fi network. This guide covers product introduction, features, setup instructions, specifications, troubleshooting common problems, and FCC compliance information.
	SONOFF SNZB-04P: Zigbee Senzor Dveří/oken - Uživatelská Příručka Kompletní uživatelská příručka pro senzor dveří/oken SONOFF SNZB-04P. Zjistěte, jak nainstalovat, spárovat a používat tento Zigbee 3.0 senzor pro chytrou domácnost, včetně specifikací a bezpečnostních informací.
	Sonoff SNZB-04P Zigbee Door/Window Sensor User Manual User manual for the Sonoff SNZB-04P Zigbee 3.0 protocol-based door/window sensor. Learn about its features, installation, specifications, and compliance information.

	[Sonoff SNZB-04P Door and Window Sensor Quick Start Guide] Your essential guide to installing and using the Sonoff SNZB-04P Zigbee Door and Window Sensor. Features include easy setup, Zigbee 3.0 connectivity, and battery specifications.