

SONOFF SNZB-02D

SONOFF SNZB-02D Zigbee Indoor Temperature Humidity Sensor User Manual

Model: SNZB-02D

INTRODUCTION

The SONOFF SNZB-02D is a Zigbee-based indoor temperature and humidity sensor designed for real-time monitoring of environmental conditions. It features a large LCD display for direct readings and can integrate with smart home systems like Alexa, Google Home, and Home Assistant via a compatible Zigbee hub. This manual provides detailed instructions for setup, operation, and maintenance of your SNZB-02D sensor.



Image: Two SONOFF SNZB-02D sensors displayed with their orange packaging boxes, highlighting the product's appearance.

WHAT'S IN THE BOX

Verify that all components are present upon unboxing:

- SONOFF SNZB-02D Temperature Humidity Sensor
- User Manual (this document)
- CR2450 Battery (pre-installed or included)
- 3M Adhesive (for mounting)
- Magnetic Base (for mounting)

PRODUCT FEATURES

- **Real-time Monitoring:** Displays temperature and humidity on a large LCD screen and via the eWeLink app.
- **High Accuracy:** Built-in Swiss-made sensor provides $\pm 0.2^{\circ}\text{C}/\pm 0.4^{\circ}\text{F}$ temperature accuracy and $\pm 2\%$ RH humidity accuracy.
- **Fast Refresh Rate:** Readings refresh every 5 seconds on the device display.
- **Unit Switching:** Easily switch between Celsius ($^{\circ}\text{C}$) and Fahrenheit ($^{\circ}\text{F}$) on the device.
- **App Notifications:** Receive instant alerts when temperature or humidity levels exceed preset thresholds.
- **Data Storage & Export:** Up to half-year free cloud storage for historical data, with hourly viewing and export options.
- **Smart Scene Integration:** Use sensor data as triggers for home automation routines.
- **Wide Compatibility:** Works with Zigbee hubs, Alexa, Google Home, and Home Assistant (via eWeLink add-on).
- **Flexible Installation:** Features a built-in kickstand, magnetic back, and 3M adhesive for various mounting options.

Monitor your home's temperature and humidity for a comfortable life

SONOFF Zigbee LCD Smart Temperature Humidity Sensor



Image: The SONOFF SNZB-02D sensor displayed on a wooden table, illustrating its compact design and clear LCD screen. Icons around it highlight features like accurate sensor, app monitoring, C/F switch, large display, 400ft coverage, and low battery notification.

SETUP GUIDE

1. Battery Installation

The SNZB-02D sensor typically comes with a CR2450 battery pre-installed. If not, or if you need to replace it:

1. Gently open the back cover of the device.
2. Insert the CR2450 battery, ensuring the positive (+) side faces upwards.
3. Close the back cover securely.

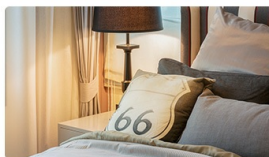
2. Pairing with a Zigbee Hub

The SNZB-02D requires a Zigbee hub (e.g., SONOFF Zigbee Bridge, Alexa with built-in Zigbee Hub, Home Assistant with Zigbee dongle) to function with the eWeLink app and other smart home platforms.

1. Ensure your Zigbee hub is powered on and in pairing mode. Refer to your hub's specific instructions for enabling pairing mode.
2. On the SNZB-02D sensor, locate the pairing button (usually a small pinhole button on the back).
3. Press and hold the pairing button for approximately 5-7 seconds until the network indicator on the LCD screen starts blinking, indicating it's in pairing mode.
4. Once successfully paired, the network indicator will stop blinking and remain steady. The sensor will appear in your eWeLink app or connected smart home platform.

Note: If pairing difficulties occur, especially with Hubitat, some users report success by removing the battery for 10 seconds, starting pairing on the hub, then re-inserting the battery and holding the pairing button for 7-10 seconds until the icon blinks. If still unsuccessful, try pressing and releasing the reset button quickly every 2-3 seconds until the hub detects the device.

Great Variety of Applications



bedroom



baby room



wine cellar



pet



greenhouse



greenhouse



kitchen



instruments

Image: A visual representation of the SONOFF SNZB-02D sensor wirelessly connecting to different Zigbee hubs, including Alexa with built-in Zigbee Hub, SONOFF ZBDongle-P/E, NSPanel Pro, and SONOFF Zigbee Bridge/Pro.

3. eWeLink App Integration

After pairing with your Zigbee hub, the sensor should automatically appear in your eWeLink app (if using a compatible SONOFF hub) or the app associated with your Zigbee gateway.

1. Download the eWeLink app from the App Store or Google Play Store.
2. Register or log in to your eWeLink account.
3. Ensure your Zigbee hub is added and online in the app.
4. The SNZB-02D sensor should appear under your devices. You can rename it for easier identification.

4. Voice Assistant Integration (Alexa & Google Home)

To control or query the sensor using voice commands, ensure your Zigbee hub is linked to your Alexa or Google Home account.

1. Open the Alexa or Google Home app.
2. Enable the "eWeLink Smart Home" skill (or the skill corresponding to your Zigbee hub).
3. Link your eWeLink account (or hub account) with the voice assistant.
4. Discover new devices. Your SNZB-02D sensor should now be controllable via voice commands (e.g., "Alexa, what's the temperature in the living room?").

Work with Alexa and Google Home

Just ask Alexa or Google Home and you'll know the temperature or humidity.

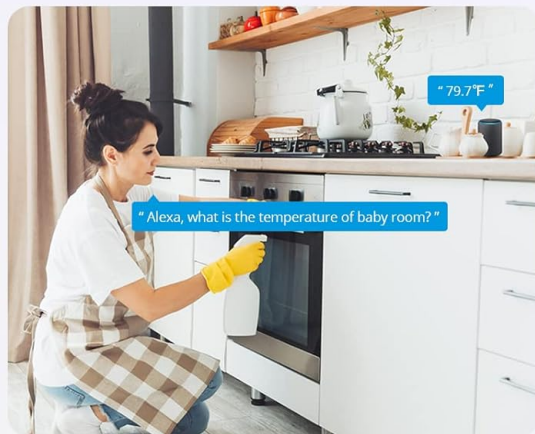


Image: Illustrations showing the SONOFF SNZB-02D's compatibility with Alexa and Google Home, including examples of voice commands and responses for temperature inquiries.

5. Home Assistant Integration

The SNZB-02D can be integrated with Home Assistant via a Zigbee dongle and the eWeLink add-on or other Zigbee integrations.

1. Ensure your Home Assistant instance has a compatible Zigbee integration (e.g., ZHA, Zigbee2MQTT) set up with a Zigbee USB dongle.
2. Follow the pairing steps for your specific Zigbee integration to add the SNZB-02D as a new device.
3. Once added, the temperature and humidity entities from the sensor will appear in Home Assistant, allowing for automation and monitoring.



Add to Home Assistant

Add SONOFF devices to Home Assistant for your home automation through eWeLink add-on.

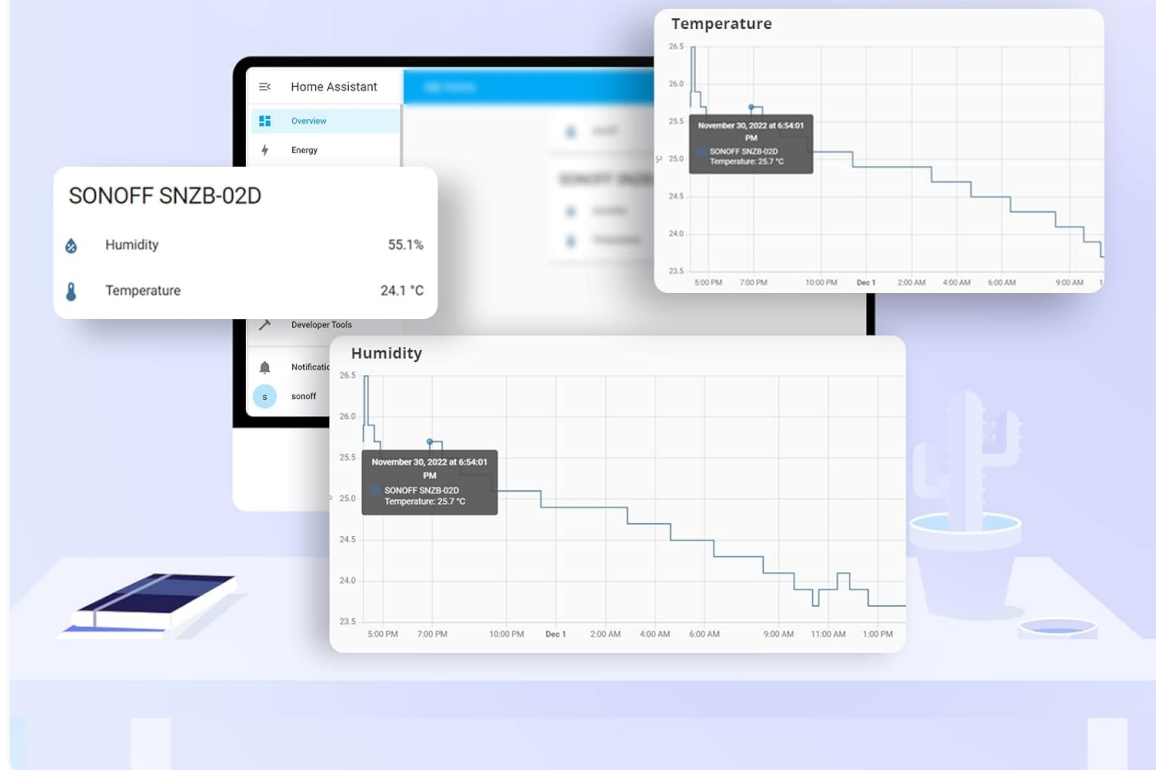


Image: A screenshot of the Home Assistant dashboard displaying temperature and humidity data from the SONOFF SNZB-02D sensor, demonstrating its integration capabilities.

OPERATING INSTRUCTIONS

1. Reading the LCD Display

The large LCD screen dynamically displays the current temperature and humidity. The top number

indicates temperature, and the bottom number indicates humidity. Icons for network status, battery level, and comfort level are also visible.

Easy to Read



Large and Clear Display



5s Fast Refresh



°C and °F Switch

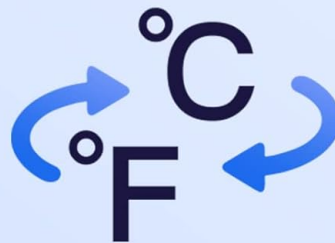


Image: A detailed view of the SONOFF SNZB-02D's LCD screen, emphasizing its large digits for easy readability of temperature and humidity. It also illustrates the 5-second fast refresh rate and the ability to switch between Celsius and Fahrenheit.

2. Switching Temperature Units (°C/°F)

To toggle between Celsius and Fahrenheit, double-tap the pairing button on the back of the device. The display will instantly switch units.

3. App Monitoring and Alerts

Through the eWeLink app (or your smart home app), you can view real-time temperature and humidity data remotely. You can also set custom thresholds for temperature and humidity. If the readings go above or below your set comfort levels, you will receive instant notifications on your smartphone.

Alert via APP

You'll receive instant alerts from your phone when the temperature or humidity exceeds your set comfort level.



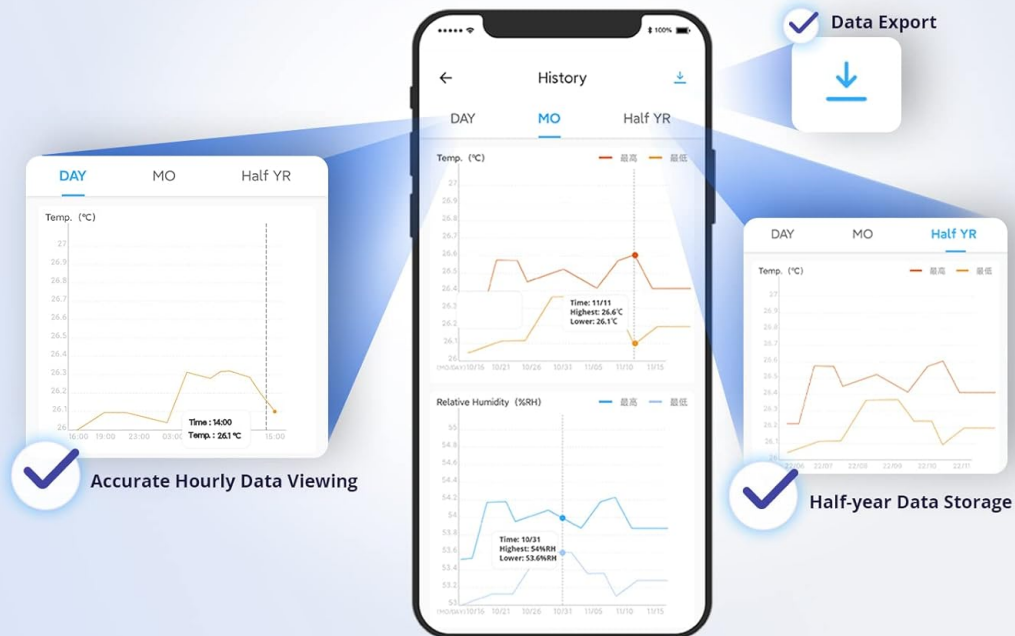
Image: A smartphone screen showing an eWeLink app notification indicating that the current temperature has exceeded the comfort level, demonstrating the alert feature.

4. Data Storage and Export

The sensor stores up to half a year of historical temperature and humidity data in the cloud. You can access this data via the eWeLink app to view hourly, daily, or monthly trends. The app also allows you to export this data for further analysis.

Data Storage & Export

Up to half-year free cloud storage, and most accurate enough to view hourly data. you can also check the highest and lowest values at any hour or day and data can be exported as files.



*This feature requires SONOFF gateway and eWeLink APP.

Image: Screenshots of the eWeLink app displaying historical temperature and humidity graphs over different periods (day, month, half-year), along with options for data export.

5. Smart Scene Automation

Leverage the sensor's data to create intelligent automation routines within your smart home system. For example, you can set a smart scene to automatically turn on a humidifier if the humidity drops below a certain percentage, or activate an air conditioner if the temperature rises too high.

Smart Scene

The temperature and humidity of the sensor can be set as triggers, such as setting the humidifier to turn on when the humidity is less than 40%, adjusting to the comfort temperature and humidity at any time for your health.



Image: A woman working on a laptop with a humidifier in the foreground, demonstrating how the sensor's humidity data can trigger a smart scene to activate the humidifier for optimal comfort.

INSTALLATION AND PLACEMENT

The SONOFF SNZB-02D offers versatile installation options to suit various environments:

- **Tabletop Stand:** Utilize the built-in kickstand to place the sensor on any flat surface, such as a desk, shelf, or nightstand.
- **Magnetic Attachment:** The sensor features a magnetic back, allowing it to be easily attached to metallic surfaces like refrigerators or magnetic boards.
- **3M Adhesive:** For non-metallic surfaces, use the provided 3M adhesive to securely mount the sensor to walls, cabinets, or other desired locations.



Stand



Magnetic back



3M adhesive

Image: A composite image illustrating the three primary mounting methods for the sensor: using its built-in stand on a table, magnetic attachment to a refrigerator, and adhesive mounting to a wooden surface.

Choose a location that provides accurate readings for the area you wish to monitor. Avoid placing the sensor near heat sources (e.g., direct sunlight, vents, appliances) or in areas with extreme drafts, as this can affect accuracy.

MAINTENANCE

1. Battery Replacement

The sensor is powered by a CR2450 button cell battery. When the battery level is low, a low battery indicator will appear on the LCD screen and you may receive an alert in the eWeLink app. To replace the battery:

1. Gently open the back cover of the device.
2. Remove the old CR2450 battery.
3. Insert a new CR2450 battery, ensuring the positive (+) side is facing up.
4. Close the back cover securely.

Typical battery life is approximately 16 months, but this can vary based on usage and environmental conditions.

2. Cleaning

To maintain optimal performance and display clarity, clean the sensor periodically:

- Wipe the exterior of the device with a soft, dry cloth.
- Do not use liquid cleaners, aerosols, or abrasive solvents, as these can damage the device.
- Ensure no moisture enters the device, especially around the sensor openings.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not pairing with Zigbee hub.	• Hub not in pairing mode. • Sensor too far from hub during pairing. • Battery low or incorrectly inserted. • Interference from other wireless devices.	• Ensure hub is in pairing mode. • Bring sensor closer to the hub during pairing. • Check battery orientation and level; replace if necessary. • Try pairing in a different location away from potential interference. • Perform a hard reset (remove battery for 10s, reinsert, then pair).
Inaccurate temperature/humidity readings.	• Sensor placed near heat sources, vents, or in direct sunlight. • Sensor exposed to drafts or extreme conditions.	• Relocate the sensor to a more stable environment, away from direct heat, cold, or drafts. • Allow time for the sensor to acclimate to the new environment.
Sensor frequently disconnects from the hub.	• Weak Zigbee signal due to distance or obstacles. • Interference from other 2.4GHz devices.	• Move the sensor closer to the Zigbee hub or a Zigbee router/repeater. • Ensure there are no large metal objects or thick walls blocking the signal. • Check for Wi-Fi channel interference and adjust if possible.
LCD display is blank or dim.	• Battery is dead or low. • Battery incorrectly inserted.	• Replace the CR2450 battery. • Ensure the battery is inserted with the correct polarity (+ side up).

SPECIFICATIONS

Model Number	SNZB-02D
Product Dimensions	2.34 x 2.46 x 0.72 inches (59.5 x 62.5 x 18.3 mm)

Item Weight	0.01 Ounces (approx. 0.28 grams)
Wireless Connectivity	Zigbee 3.0
Temperature Accuracy	±0.2°C / ±0.4°F
Humidity Accuracy	±2%RH
Power Source	CR2450 button cell battery (included)
Mounting Type	Tabletop, Magnetic, 3M Adhesive
Manufacturer	SONOFF

SAFETY INFORMATION

- Keep the device out of reach of children and pets.
- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Do not disassemble, modify, or attempt to repair the device yourself. This will void the warranty.
- Dispose of batteries properly according to local regulations. Do not incinerate batteries.
- Avoid placing the device near strong electromagnetic fields.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official SONOFF website or contact their customer service directly. You can also find additional resources and FAQs on their support pages.

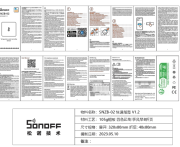
Official User Manual (PDF): [Download PDF](#)

SONOFF Brand Store: [Visit Store](#)

Note: No relevant official product videos from the seller were found in the provided data to embed in this manual.

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Related Documents

	SONOFF SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor User Manual User manual for the SONOFF SNZB-02D, a Zigbee LCD Smart Temperature and Humidity Sensor. Learn about its features, specifications, pairing instructions, installation, and safety warnings.
	Sonoff SNZB-02 Temperature and Humidity Sensor User Manual User manual for the Sonoff SNZB-02, a mini temperature and humidity sensor. This guide provides instructions on setup, features, and compatibility with smart home platforms.
	Sonoff SNZB-02D Zigbee Temperature and Humidity Sensor Quick Start Guide A concise guide to setting up and using the Sonoff SNZB-02D Zigbee temperature and humidity sensor with an LCD display. Learn about its features, installation, and connectivity.
	SONOFF SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor User Manual Comprehensive user manual for the SONOFF SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor, detailing its features, installation, pairing procedures, technical specifications, and important safety warnings.

Documents - SONOFF – SNZB-02D

User Manual SNZB-02D (EN)



Zigbee LCD Smart Temperature Humidity Sensor

User Manual V1.1

Introduction

SNZB-02D is a Zigbee smart temperature and humidity sensor, equipped with an LCD high-definition display that displays temperature and humidity data in real-time, which is intuitive and easy to read. Paired with a Zigbee gateway, you can monitor temperature and humidity changes in real-time through the APP, store and export historical data, push notifications, voice inquiries, and link with other devices to achieve your home automation.

High Accuracy

App Monitoring

Reading Switch

[SONOFF SNZB-02D Zigbee Smart Temperature and Humidity Sensor User Manual](#)

User manual for the SONOFF SNZB-02D Zigbee LCD Smart Temperature and Humidity Sensor. Covers features, specifications, installation, pairing, battery replacement, and compliance information.

lang:en score:55 filesize: 6.49 M page_count: 13 document date: 2024-11-12



[\[pdf\]](#) User Manual

Sonoff SNZB 02D PL docId 3936A1F38B6423A65E180CCEADDADA7B ZigBee Teplota Vlhkost czm6835ed5da2ab3 manual sonoff snzb 02dsmartica s1 cdn upgates m m6835ed5da2ab3 02d |||

SNZB-02D ZigBee LCD senzor teploty a vlhkosti Sonoff**SNZB-02D** Nvod k obsluze vod Indiktor Obrazovka Tlactko Indiktor baterie Zkladna Zkladna Vlastnosti produktu SNZB-020 je chytr snmac teploty a vlhkosti s LCD displejem, kter umozuje zobrazen teploty a vlhkosti v relnm case na displeji a sledov...

lang:it **score:51** filesize: 1.46 M page_count: 10 document date: 2025-05-27



[\[pdf\]](#) User Manual

SNZB 02D V1 0 RO Manual de utilizare SONOFF spy shop ro media custom upload |||

SNZB-02D Zigbee LCD Smart Senzor de temperatur si umiditate Introducere Indicator de semnal Ecran Englez Baterie Stand Buton Baza Caracteristici **SNZB-02D** este un senzor inteligent de temperatur i umiditate cu ecran LCD, v permite s vedei temperatura i umiditatea n timp real pe ecran i s monito...

lang:it **score:50** filesize: 396.96 K page_count: 9 document date: 2024-01-08



[SONOFF SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor User Manual](#)

This document provides instructions for the SONOFF SNZB-02D Zigbee LCD Smart Temperature and Humidity Sensor. It covers features, setup, pairing with SONOFF Zigbee gateways, specifications, installation, and important warnings.

lang:en score:49 filesize: 26.59 M page_count: 9 document date: 2024-12-23



[SONOFF SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor User Manual](#)

User manual for the SONOFF SNZB-02D, a Zigbee LCD smart temperature and humidity sensor. Learn about its features, specifications, installation, pairing, and safety warnings.

lang:en score:49 filesize: 691.25 K page_count: 14 document date: 2023-03-31



[Sonoff SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor User Manual](#)

User manual for the Sonoff SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor, covering features, pairing, specifications, installation, and warnings.

lang:en score:49 filesize: 691.25 K page_count: 14 document date: 2023-08-07

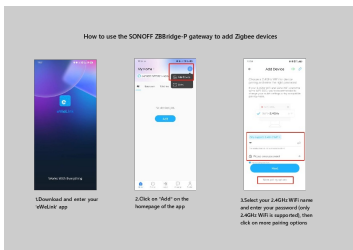


[\[pdf\]](#) User Manual

SNZB 02D V1 SNZB 0Manual de Usuario 0sonoffargentina 2024 01 Manual |||

SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor -----1 - 5 English -----6 - 10 Warning -----11 - 12 LCDAPP APP / 1 SONOFF Zigbee 1. App Google Play StoreApple App Store 2. CR2450 3. SONOFF Zigbee 2 4. Zigbee 0 eWeLink App Zigbee ...

lang:en **score:47** filesize: 26.93 M page_count: 14 document date: 2022-12-15



[\[pdf\]](#) Guide

user SONOFF Zigbee Indoor Temperature Humidity Sensor SNZB 02D LCD Wireless Smart Thermometer Hygrometer Compatible with Alexa Google Home for Remote Monitoring and Automation 2 PackSNZB User Guide Pack B0C27TLFV171r A3PW43Lm media amazon images I 71r A3PW43L ||| How to use the SONOFF ZBBridge-P gateway to add Zigbee devices 1.Download and enter your eWeLink ... for SNZB02D. After successful search, click Next 9 . SONOFF ZBBridge-P gateway successfully added **SNZB-02D** ...

lang:tl **score:46** filesize: 230.76 K page_count: 3 document date: 2024-02-14



[\[pdf\]](#) User Manual Instructions Diagram

ZigBee LCD Smart Temperature Humidity Sensor AlzaIntelligentní snímač teploty a vlhkosti SNZB 02D s intuitivním displejem Toto zařízení nejenže zobrazuje teplotu vlhkost v reálném čase ale také Sonoff 02Ddwn alza cz manual 119795 |||

ZigBee LCD Smart Temperature Humidity Sensor User Manual Uzivatelsk manul Uzvatesk manul Hasznlat ... Iza.cz 3 Diagram Signal Indicator Display Battery Stand Button Body Features Introducing the **SNZB-02D**, a cutting-edge smart temperature and humidity sensor featuring an intuitive LCD screen. Th...

lang:en **score:46** filesize: 779.78 K page_count: 42 document date: 2023-10-24

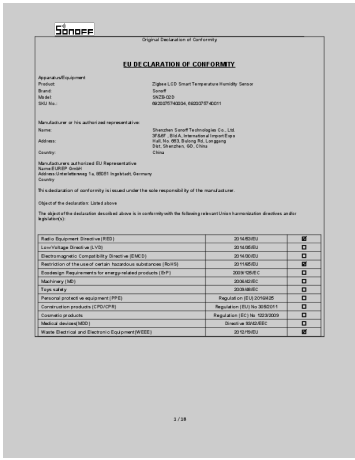


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Janca sonoff snzb 02d mysmarthome cz user related files |||

Sonoff **SNZB-02D** Zigbee LCD Smart cidlo teploty a vlhkosti Uzivatelsk prucka vod Funkce **SNZB-02D** je inteligentn snmac teploty a vlhkosti s LCD obrazovkou, umozuje vm vidt teplotu a vlhkost v relnm case na obrazovce a sledovat zivotn podmnyk v aplikaci, poskytuje pesn men s ultra vysokou pesnost, mo...

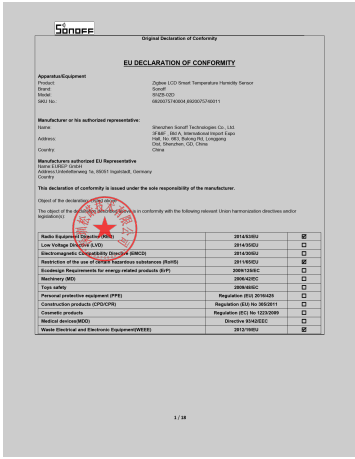
lang:hr **score:46** filesize: 247.29 K page_count: 6 document date: 2024-01-25



[pdf] Declaration of Conformity

Ryan G H Yang SONOFF SNZB 02D CE DoC Compliance Official sonoff tech 2023 10 |||

Original Declaration of Conformity Apparatus/Equipment Product: Brand: Model: SKU No.: EU DECLARATION OF CONFORMITY Zigbee LCD Smart Temperature Humidity Sensor Sonoff **SNZB-02D** 6920075740004, 6920075740011 Manufacturer or his authorized representative: Name: Address: Country: Shenzhen Sonoff Tec... lang:en score:46 filesize: 301.26 K page_count: 18 document date: 2023-09-22



[pdf] Declaration of Conformity

Ryan G H Yang SONOFF SNZB 02D CE DoC Compliance Official sonoff tech 2024 08 |||

Original Declaration of Conformity Apparatus/Equipment Product: Brand: Model: SKU No.: EU DECLARATION OF CONFORMITY Zigbee LCD Smart Temperature Humidity Sensor Sonoff **SNZB-02D** 6920075740004,6920075740011 Manufacturer or his authorized representative: Name: Address: Country: Shenzhen Sonoff Tech... lang:en score:46 filesize: 339.57 K page_count: 18 document date: 2024-05-22



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SNZB 02D V1 0 Manuel utilisateur SONOFF Zigbee 3 Temperatur und Luftfeuchtigkeitssensor mit Bildschirm manuel utilisation sonoff snzb 02d capteur temperature et humidite domadoo fr de index controller attachment id 2992 |||

SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor -----1 - 5 English -----6 - 10 Warning -----11 - 12 LCDAPP APP / 1 SONOFF Zigbee 1. App Google Play StoreApple App Store 2. CR2450 3. SONOFF Zigbee 2 4. Zigbee 0 eWeLink App Zigbee ...

lang:en score:45 filesize: 764.44 K page_count: 14 document date: 2024-02-26



[\[pdf\]](#) User Manual

SNZB 02D V1 0 User Manual SONOFF Zigbee Indoor Temperature Humidity Sensor LCD Thermometer Hygrometer Works with Alexa Google Home for Remote Monitoring and Automation ZigBee 3 Hub Required 2 Pack Appliances 910Fgehi0RL m media amazon images I |||

SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor -----1 - 5 English -----6 - 10 Warning -----11 - 12 LCDAPP APP / 1 SONOFF Zigbee 1. App Google Play StoreApple App Store 2. CR2450 3. SONOFF Zigbee 2 4. Zigbee 0 eWeLink App Zigbee ...

lang:en score:45 filesize: 829.29 K page_count: 14 document date: 2022-12-15

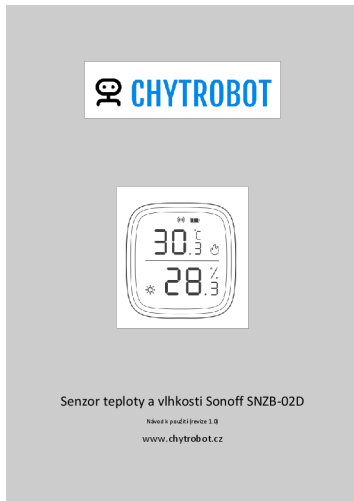


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SNZB 02D 2023 DOC SONOFF Official sonoff tech 2023 02 |||

INSPECTION CNAS IB0011 Report for Safe Transport of Goods Page 1 of 6 Pages No.: UN2023-0465-3 ... : Commissioner : Zigbee LCD Smart Temperature Humidity Sensor **SNZB-02D** CR2450 SONOFF Zigbee **SNZB-02D** contain Lithium Manganese Dioxide Battery C...

lang:en score:44 filesize: 561.07 K page_count: 6 document date: 2023-01-13



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Petr Pilný Sonoff SNZB 02D Manuál CZ Zigbee senzor teploty a vlhkosti s LCD displejem Chyrobot cz
eshop pro chytrou domácnost sonoff snzb 02d v1 0 chyrobot |||

Senzor teploty a vlhkosti Sonoff **SNZB-02D** Nvod k použití revize 1.0

www.chyrobot.cz Informace o produktu Funkce **SNZB-02D** je ZigBee nzkoeenergetick
snmac teploty a vlhkosti s displejem, kter lze pouzt ke sledovn okoln teploty a vlhkosti
v relnm case. Propojte ho s vas brnou a mzete pomoc nj tvoit ...

lang:hr score:44 filesize: 771.8 K page_count: 7 document date: 2023-05-12



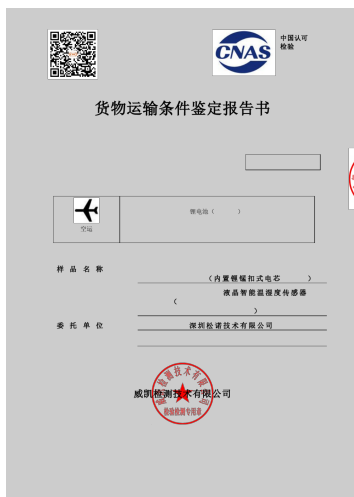
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SNZB 02D 2023 DOC SONOFF Official sonoff tech 2023 02 |||

INSPECTION CNAS IB0011 Report for Safe Transport of Goods Page 1 of 6 Pages

No.: UN2023-0465-2 By Air PI 970 II Lithium batteries PI 970 II : Sample
Name..... : Commissioner: Zigbee LCD Smart Temperature
Humidity Sensor **SNZB-02D** ...

lang:en score:44 filesize: 571.6 K page_count: 6 document date: 2023-01-13



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SNZB 02D 2023 DOC SONOFF Official sonoff tech 2023 02 |||

INSPECTION CNAS IB0011 Report for Safe Transport of Goods Page 1 of 6 Pages

No.: UN2023-0465-1 By Air PI 970 II Lithium batteries PI 970 II : Sample
Name..... : Commissioner: Zigbee LCD Smart Temperature
Humidity Sensor **SNZB-02D** ...

lang:en score:44 filesize: 532.89 K page_count: 6 document date: 2023-01-13



[pdf] User Manual

SNZB 02D V1 Spy Shop roSNZB Zigbee LCD Smart Senzor de temperatură si umiditate Page 2
Engleză Introducere Indicator semnal Baterie Ecran Stand Buton BazaRO Manual utilizare SONOFF
02Dspy shop ro media custom upload RO srsItd

AfmBOooWrcGoVTihI00InEMrfO7AswxwfaNSfUI4Sm6tY1Zft0ibz Q1 |||

SNZB-02D Zigbee LCD Smart Senzor de temperatur si umiditate Introducere
Indicator de semnal Ecran Englez Baterie Stand Buton Baza Caracteristici **SNZB-02D**
este un senzor inteligent de temperatur i umiditate cu ecran LCD, v permite s vedei
temperatura i umiditatea n timp real pe ecran i s monito...
lang:it **score:43** filesize: 396.96 K page_count: 9 document date: 2024-01-08



[SONOFF SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor - EU Declaration of Conformity](#)

Official EU Declaration of Conformity for the SONOFF SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor, confirming compliance with key EU directives and harmonized standards.

lang:en **score:43** filesize: 386.41 K page_count: 9 document date: 2025-07-30

产品参数表 Product Specification

SNZB-02D

Zigbee 液晶智能温湿度传感器 / Zigbee LCD Smart Temperature Humidity Sensor



基本信息 Basic Information

产品系列 Product series	网关及传感器 Gateway & Sensors
产品类型 Type	温度湿度传感器 Temperature and humidity sensor
产品型号 Model	MSZB-020
供电 Power supply	2节锂电池 x1 2V button cell x 1
电池型号 Battery model	CR2450
温度测量范围 Temperature tolerance	-2.2°C~60.4°C
湿度测量范围 Humidity tolerance	0.2%RH
MCU	FR32MG22
产品认证 Certification	CE/FCC/ISED/RoHS

外观信息 Appearance

产品颜色 Color	白色 White
LCD屏幕规格 LCD screen dimension	2.8" (TN)反射式段码屏 2.8" (TN reflective segment code screen)
产品规格 Product dimension	59.5x62.5x18.5mm
包装规格 Package dimension	63x66x22.5mm
产品净重 Net weight	69.5g
总重量 Total weight	78g
外壳材质 Casing material	PC+LCD

功能特性 Features

[illegible]

无线标准 Wireless standard

无线连接 Wireless connection	Zigbee 3.0 (IEEE 802.15.4)
天线 Antenna	PCB 集成天线 PCB Antenna
安全机制 Security mode	AES-128
加密类型 Encryption type	AES-128

使用环境 Working Condition

适用场所 Applicable place	室内使用 Indoor
工作温度 Working temperature	-5℃~40℃/14℉~104℉
工作湿度 Working humidity	5%-95% RH, 无冷凝 5%-95% RH, non-condensing
工作海拔 Working height	2000米以下 Less than 2000m

安装信息 Installation

安装方式
Installation methods

1. 桌面摆放
2. 配合底座安装
 - ① 底座粘贴到金属表面
 - ② 底座3M胶粘贴墙体

1. Place on the desktop

2. Install with base

- ① Attach to the metal surface with the magnetic base
- ② Stick on the wall with 3M adhesive base

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[\[pdf\]](#) Specifications Decleration of Conformity

SNZB 02D V1 0 Read More DOC SONOFF Official sonoff tech 2023 02 ||

Product Specification **SNZB-02D** Zigbee / Zigbee LCD Smart Temperature Humidity Sensor Basic Information Product series Type Model Power supply Battery model Temperature tolerance Humidity tolerance Gateway Sensors Temperature and humidity sensor **SNZB-02D** 3V x1 3V button cell x 1 CR24...

lang:en score:42 filesize: 5.57 M page_count: 1 document date: 2022-12-15



[\[pdf\]](#) Declaration of Conformity Test Report

ETSI EN 300 328 V1 news SONOFF SNZB 02D CE Healthy Test Report DOC Official sonoff tech 2023 02 |||

Page 1 of 10 Report No.: LCSA120522131EC HEALTH TEST REPORT For Shenzhen Sonoff Technologies Co.,Ltd. Zigbee LCD Smart Temperature Humidity Sensor Test Model: **SNZB-02D** Prepared for Address : Shenzhen Sonoff Technologies Co.,Ltd. : 3F 6F, Bldg A, No. 663, Bulong Rd, Shenzhen, Guangdong, China ...

lang:en score:42 filesize: 653.35 K page_count: 10 document date: 2022-12-24



[\[pdf\]](#) Declaration of Conformity Test Report

Shenzhen Sunspring Electronics Co Ltd Keyboard QJWCG107C Violet Wang LCSA120522128E FCC EMC SDOC Test Report SNZB 02D DOC SONOFF Official sonoff tech 2023 02 |||

Page 1 of 25 Report No.: LCS120522128AE FCC SDoC TEST REPORT Shenzhen Sonoff Technologies Co.,Ltd. Zigbee LCD Smart Temperature Humidity Sensor Test Model: **SNZB-02D** Prepared for Address : Shenzhen Sonoff Technologies Co.,Ltd. : 3F 6F, Bldg A, No. 663, Bulong Rd, Shenzhen, Guangdong, China Pre...

lang:en score:42 filesize: 2.34 M page_count: 25 document date: 2022-12-24

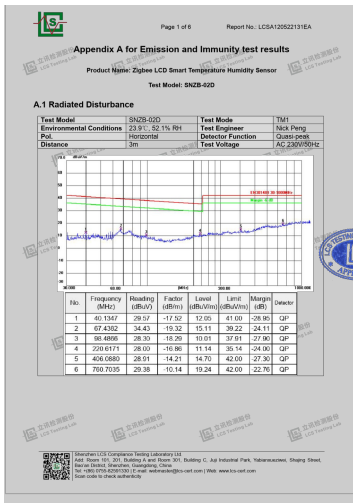


[\[pdf\]](#) Declaration of Conformity Test Report

ATTESTATION OF CONFORMITY sonoff techsonoff tech â 2023 06 SONOFF SNZB 02D ISCED EMC Cert |||

ATTESTATION OF CONFORMITY Attestation Number : Date of Issue: Product: Model s : Brand: Applicant Name Address: AOC CR230103034-08 2023/5/18 Zigbee LCD Smart Temperature Humidity Sensor **SNZB-02D** SONOFF Shenzhen Sonoff Technologies Co.,Ltd. 3F 6F, Bldg A, No. 663, Bulong Rd, Shenzhen, Guangdong...

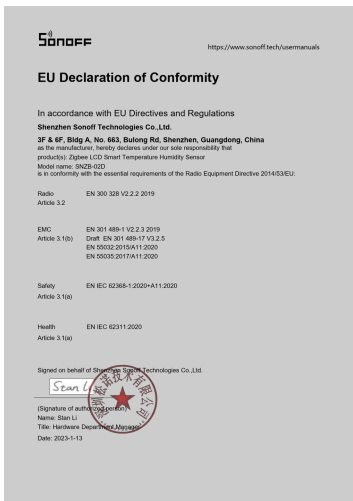
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ETSI EN 300 220 2V2 news SONOFF SNZB 02D CE Emission and Immunity test results EMC DOC
Official sonoff tech 2023 02 |||

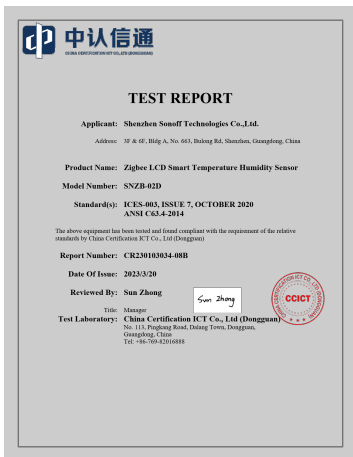
Page 1 of 6 Report No.: LCSA120522131EA Appendix A for Emission and Immunity test results Product Name: Zigbee LCD Smart Temperature Humidity Sensor Test Model: **SNZB-02D** A.1 Radiated Disturbance Test Model Environmental Conditions Pol. Distance **SNZB-02D** 23.9, 52.1 RH Horizontal 3m Test Mode ...
lang:en score:42 filesize: 802.04 K page_count: 6 document date: 2022-12-15



[Sonoff SNZB-02D EU Declaration of Conformity](#)

Official EU Declaration of Conformity for the Sonoff SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor, detailing compliance with EU Directives and Regulations.

lang:en score:42 filesize: 136.06 K page_count: 1 document date: 2023-01-13



[\[pdf\]](#) Test Report

SONOFF SNZB 02D ISCED EMC Test Report sonoff tech 2023 06 |||
TEST REPORT Applicant: Shenzhen Sonoff Technologies Co., Ltd. Address: 3F 6F, Bldg A, No. 663, Bulong Rd, Shenzhen, Guangdong, China Product Name: Zigbee LCD Smart Temperature Humidity Sensor Model Number: **SNZB-02D** Standard s : ICES-003, ISSUE 7, OCTOBER 2020 ANSI C63.4-2014 The above equipment...
lang:en score:40 filesize: 2.38 M page_count: 29 document date: 2023-05-18

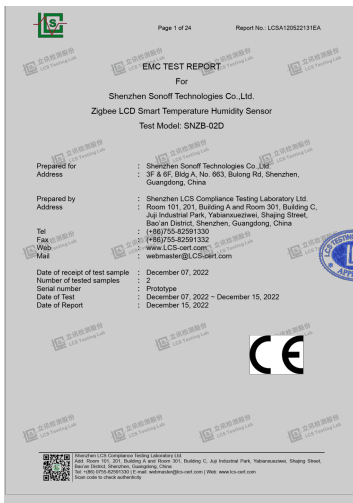


[pdf] Datasheet

Datasheet for Sonoff SNZB 02D Temperature Humidity Sensor Temperatur Luftfeuchte mit Anzeige
ZigBee BerryBase Somit ist er dem NSPanel Pro Wandschalter der Zigbee Bridge Smart PBX ZBDongle
P E Dongle und Amazon Alexa System mit SON berrybase at en product datasheet

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Datasheet for Sonoff **SNZB-02D** Temperature Humidity Sensor, Temperatur /
Luftfeuchte Sensor mit Anzeige, ZigBee Sonoff **SNZB-02D** Temperature Humidity
Sensor, Temperatur / Luftfeuchte Sensor mit Anzeige, ZigBee berwache die
Temperatur und Feuchtigkeit in verschiedenen Rumen. Der SonoffSensor lief...
lang:de score:40 filesize: 2.85 M page_count: 3 document date: 2025-07-16



[pdf] Declaration of Conformity Test Report

ETSI EN 300 220 2V2 news SONOFF SNZB 02D CE EMC Test Report DOC Official sonoff tech 2023 02
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Page 1 of 24 Report No.: LCSA120522131EA EMC TEST REPORT For Shenzhen
Sonoff Technologies Co.,Ltd. Zigbee LCD Smart Temperature Humidity Sensor Test
Model: **SNZB-02D** Prepared for Address : Shenzhen Sonoff Technologies Co.,Ltd. :
3F 6F, Bldg A, No. 663, Bulong Rd, Shenzhen, Guangdong, China Pre...
lang:en score:40 filesize: 1.09 M page_count: 24 document date: 2022-12-24

User Manual SNZB-02D (EN)



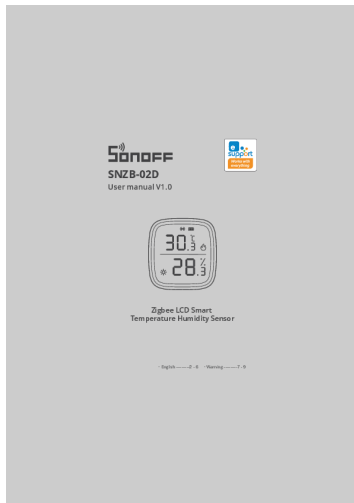
Introduction
SNZB-02D is a Zigbee smart temperature and humidity sensor, equipped with an LCD high-definition display that displays temperature and humidity data in real-time, which is intuitive and easy to read. Paired with a Zigbee gateway, you can monitor temperature and humidity changes in real-time through the APP, store and export historical data, push notifications, voice inquiries, and link with other devices to achieve your home automation.



[SONOFF SNZB-02D Zigbee Smart Temperature and Humidity Sensor User Manual](#)

User manual for the SONOFF SNZB-02D, a Zigbee smart temperature and humidity sensor. This guide covers introduction, specifications, power on, device addition, installation, battery replacement, troubleshooting, and compliance information.

lang:en score:40 filesize: 6.45 M page_count: 13 document date: 2024-11-12



[SONOFF SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor User Manual](#)

User manual for the SONOFF SNZB-02D, a Zigbee LCD Smart Temperature and Humidity Sensor. Learn about its features, specifications, pairing instructions, installation, and safety warnings.

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产品参数表 Product Specification

SNZB-02D

Zigbee 液晶智能温湿度传感器 / Zigbee LCD Smart Temperature Humidity Sensor



基本信息 Basic Information

产品系列 Product series	网关传感器模组 Gateway & Sensors
产品类型 Type	温湿度传感器 Temperature and humidity sensor
产品型号 Model	SN28-020
供电 Power supply	2节锂电池组 x1 3V button cell x 1
电池型号 Battery model	CR2450
温度测量范围 Temperature tolerance	0.2°C/±0.4°F
湿度测量范围 Humidity tolerance	±2%RH
MCU	EF832M022
产品认证 Certification	CE/FCC/ISED/RoHS

外观信息 Appearance

产品颜色 Color	白色 White
LCD 屏幕规格 LCD dimension	2.8" (TH 反射式段码屏) 2.8" (TH reflective segment code screen)
产品规格 Product dimension	59.5x62.5x18.5mm
包装规格 Package dimension	63x65x22.5mm
产品净重 Net weight	69.5g
总重量 Total weight	78g
外壳材质 Casing material	PC+LCD

功能特性 Features

[illegible]

无线标准 Wireless standard

无线连接 Wireless connection	Zigbee 3.0 (IEEE802.15.4)
天线 Antenna	PCB板载天线 PCB Antenna
安全机制 Security mode	AES-128
加密类型 Encryption type	AES-128

使用环境 Working Condition

适用场所 Applicable place	室内使用 Indoor
工作温度 Working temperature	-5℃~40℃/14°F~140°F
工作湿度 Working humidity	5%~95% RH, 无冷凝 5%~95% RH, non-condensing
工作海拔 Working height	2000米以下 Less than 2000m

安装信息 Installation

安装方式
Installation methods

1. 桌面摆放
2. 配合底座安装
 - ① 底座磁吸到金属表面
 - ② 底座 3M 胶粘贴墙体

1. Place on the desktop
2. Install with base
 ① Attach to the metal surface with the magnetic base
 ② Stick on the wall with 3M adhesive base

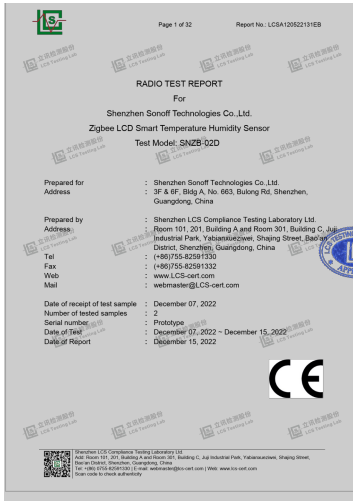
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[\[pdf\]](#) Specifications

SNZB 02D V1 0 Specification Sonoff Smart Zigbee Vochtighheids en Temperatuursensor met LCD
expert4house.nl index controller attachment id 419 |||

Product Specification **SNZB-02D** Zigbee / Zigbee LCD Smart Temperature Humidity
Sensor Basic Information Product series Type Model Power supply Battery model
Temperature tolerance Humidity tolerance Gateway Sensors Temperature and
humidity sensor **SNZB-02D** 3V x1 3V button cell x 1 CR24...

lang:en score:39 filesize: 157.29 K page_count: 1 document date: 2023-03-31



[pdf] Declaration of Conformity Test Report

ETSI EN 300 328 V1 news SONOFF SNZB 02D CE RF Test Report DOC Official sonoff tech 2023 02 |||
Page 1 of 32 Report No.: LCSA120522131EB RADIO TEST REPORT For Shenzhen Sonoff Technologies Co.,Ltd. Zigbee LCD Smart Temperature Humidity Sensor Test Model: **SNZB-02D** Prepared for Address : Shenzhen Sonoff Technologies Co.,Ltd. : 3F 6F, Bldg A, No. 663, Bulong Rd, Shenzhen, Guangdong, China P...

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[SONOFF SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor User Manual](#)

Comprehensive user manual for the SONOFF SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor, detailing its features, installation, pairing procedures, technical specifications, and important safety warnings.

lang:en score:39 filesize: 26.93 M page_count: 14 document date: 2022-12-15



[pdf] User Manual

SONOFF SNZB 02D Zigbee LCD Smart Temperature Humidity Sensor User Manual 24 mag 2024 —
LCD APP °C °F 14 pagine AR4092 Sonoff srsLtd

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SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor -----1 - 5 English -----6 - 10 Warning -----11 - 12 LCDAPP APP / 1 SONOFF Zigbee 1. App Google Play StoreApple App Store 2. CR2450 3. SONOFF Zigbee 2 4. Zigbee 0 eWeLink App Zigbee ...

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[\[pdf\]](#) User Manual

SONOFF SNZB 02D Zigbee LCD Smart Temperature Humidity Sensor User Manual LCD

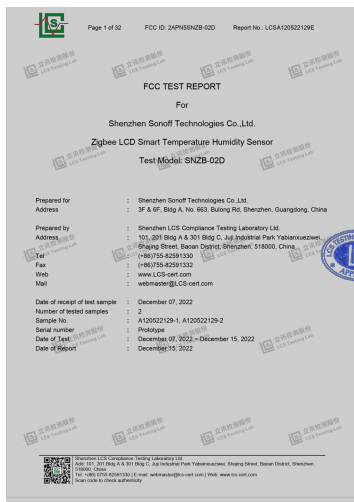
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SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor -----1 - 5 English -----

-----6 - 10 Warning -----11 - 12 LCDAPP APP / 1 SONOFF Zigbee 1. App Google Play StoreApple App Store 2. CR2450 3. SONOFF Zigbee 2 4. Zigbee 0 eWeLink App Zigbee ...

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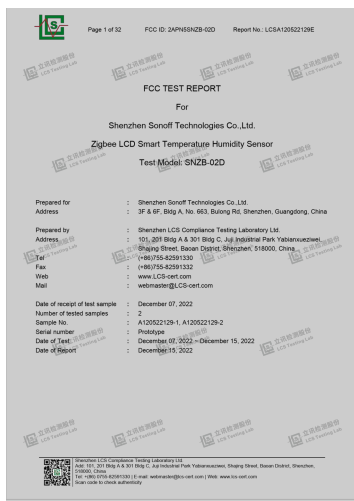
[\[pdf\]](#) Declaration of Conformity Test Report

FCC PART 15 news SONOFF SNZB 02D RF Test Report DOC Official sonoff tech 2023 02 |||

Page 1 of 32 FCC ID: 2APN5**SNZB-02D** Report No.: LCSA120522129E FCC TEST

REPORT For Shenzhen Sonoff Technologies Co.,Ltd. Zigbee LCD Smart Temperature Humidity Sensor Test Model: **SNZB-02D** Prepared for Address : Shenzhen Sonoff Technologies Co.,Ltd. : 3F 6F, Bldg A, No. 663, Bulong Rd, Shenzhen,...

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[\[pdf\]](#) Test Report

FCC PART 15 news Zigbee Test Report Shenzhen Sonoff Technologies Co Ltd SNZB 02D 2APN5SNZB 2APN5SNZB02D snzb 02d

Page 1 of 32 FCC ID: 2APN5**SNZB-02D** Report No.: LCSA120522129E FCC TEST

REPORT For Shenzhen Sonoff Technologies Co.,Ltd. Zigbee LCD Smart Temperature Humidity Sensor Test Model: **SNZB-02D** Prepared for Address : Shenzhen Sonoff Technologies Co.,Ltd. : 3F 6F, Bldg A, No. 663, Bulong Rd, Shenzhen,...

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Tian SONOFF SNZB 02D CE Photographs of The EUT DOC Official sonoff tech 2023 02 |||

Page 1 of 6 Test Model: **SNZB-02D** Appendix C for Photographs of The EUT Fig. 1

Fig. 2 Shenzhen LCS Compliance Testing Laboratory Ltd. Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao an District, Shenzhen, Guangdong, China Tel: 8...

lang:en score:38 filesize: 1.34 M page_count: 6 document date: 2022-12-15



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Sonoff SNZB 02D PL docId 3936A1F38B6423A65E180CCEADDADA7B 020 je chytrý snímač teploty a vlhkosti s LCD displejem který umožňuje zobrazení v reálném čase na displeji sledování aplikaci czn 777 092 10 img gme cz files eshop data Dokumenty |||

SNZB-02D ZigBee LCD senzor teploty a vlhkosti Sonoff**SNZB-02D** Nvod k obsluze vod Indiktor Obrazovka Tlactko Indiktor baterie Zkladna Zkladna Vlastnosti produktu SNZB-020 je chytr snmac teploty a vlhkosti s LCD displejem, kter umozuje zobrazen teploty a vlhkosti v relnm case na displeji a sledov...

lang:it score:38 filesize: 1.48 M page_count: 10 document date: 2023-11-30



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SNZB 02D V1 0 SNZB Ръководство за употреба tfa bg userfiles product files shared |||

SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor -----1 - 5 English -----6 - 10 Warning -----11 - 12 LCDAPP APP / 1 SONOFF Zigbee 1. App Google Play StoreApple App Store 2. CR2450 3. SONOFF Zigbee 2 4. Zigbee 0 eWeLink App Zigbee ...

lang:en score:38 filesize: 691.25 K page_count: 14 document date: 2025-03-17



[\[pdf\]](#) User Manual

SNZB 02D V1 Download User ManualSonoff Smart LCD Temperature Humidity Sensor ZigBee 2 4 GH Activio IoT storecdn shopify s files 1 0048 6925 9354 v 1691462672 |||

SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor -----1 - 5 English -----6 - 10 Warning -----11 - 12 LCDAPP APP / 1 SONOFF Zigbee 1. App Google Play StoreApple App Store 2. CR2450 3. SONOFF Zigbee 2 4. Zigbee 0 eWeLink App Zigbee ...

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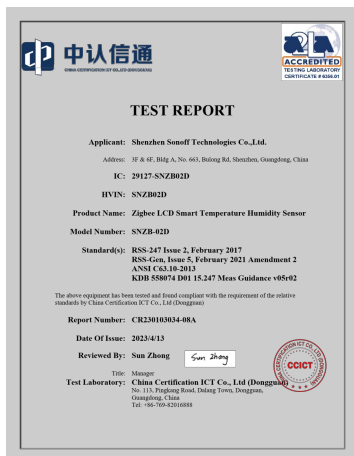


[\[pdf\]](#) Installation Guide

SNZB 02D V1 0 17 mag 2023 — is a smart temperature and humidity sensor with LCD screen allows you to see the real time on monitor the 6 page 577440 610651 katranji tocmages files |||

SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor Introduction Signal indicator Display screen Battery Stand Button Base Features **SNZB-02D** is a smart temperature and humidity sensor with LCD screen, allows you to see the real-time temperature and humidity on the screen and monitor the livi...

lang:en score:35 filesize: 26.53 M page_count: 6 document date: 2023-05-11



[\[pdf\]](#) Test Report

SONOFF SNZB 02D ISED Radio Test Report sonoff tech 2023 06 |||

TEST REPORT Applicant: Shenzhen Sonoff Technologies Co.,Ltd. Address: 3F 6F, Bldg A, No. 663, Bulong Rd, Shenzhen, Guangdong, China IC: 29127-SNZB02D HVIN: SNZB02D Product Name: Zigbee LCD Smart Temperature Humidity Sensor Model Number: **SNZB-02D** Standard s : RSS-247 Issue 2, February 2017 RS...

lang:en score:35 filesize: 984.01 K page_count: 40 document date: 2023-05-18

产品参数表 Product Specification

SNZB-02D

Zigbee 液晶智能温湿度传感器 / Zigbee LCD Smart Temperature Humidity Sensor



基本信息 Basic Information

产品系列 Product series	网关及传感器 Gateway & Sensors
产品类型 Type	温湿度传感器 Temperature and humidity sensor
产品型号 Model	SNZB-020
供电 Power supply	3节锂电池 x1 3V button cell x 1
电池型号 Battery model	CR2450
温度测量范围 Temperature tolerance	-10.2°C~40.4°C
湿度测量范围 Humidity tolerance	±2.40RH
MCU	EF82MG12
产品认证 Certification	CE/FCC/ISED/RoHS

外观信息 Appearance

产品颜色 Color	白色 White
LCD屏幕规格 LCD dimension	2.8" (TH反射式段码屏) 2.8" (TH reflective segment code screen)
产品规格 Product dimension	59.5x62.5x18.5mm
包装规格 Package dimension	63x65x22.5mm
产品净重 Net weight	69.5g
总重量 Total weight	78g
外壳材质 Casing material	PC+LCD

功能特性 Features

特点
Functions

SN2K-020是一款低功耗、集成度高、具有内置温度传感器和10个可配置GPIO的超低功耗MCU。它支持高达200KHz的采样率，并支持高达100KHz的采样率。它支持高达100KHz的采样率，并支持高达100KHz的采样率。

SN2K-020 is a smart temperature and humidity sensor with LCD screen, support up to the real-time temperature and humidity on the sensor and monitor the living conditions. It can provide accurate measurements with ultra-high precision, ability to switch between °C and °F, store and export historical data, get alarms and notifications, voice query, and set smart scenes to realize your home automation.

低功耗模式
Pairing mode

300KHz
300KHz

Matched gateways

第三类兼容网关型号：
300KHz 280KHz, 280KHz 300KHz, 300KHz 280KHz, 280KHz 300KHz

第三类兼容网关型号：
Echo Plus 2nd, Echo 4th, Echo 4th, Echo 4th, Echo 4th, Echo 4th

第三类兼容网关型号：
Amazon Gateway Model Echo Plus 2nd, Echo 4th, Echo 4th, Echo 4th, Echo 4th

以及所有支持蓝牙低功耗（BLE）的网关产品。
Other gateways supporting Bluetooth Low Energy (BLE) wireless protocol.

Detailed information is in accordance with the product manual.

无线标准 Wireless standard

无线连接 Wireless connection	Zigbee 3.0 (IEEE802.15.4)
天线 Antenna	PCB板载天线 PCB Antenna
安全机制 Security mode	AES-128
加密类型 Encryption type	AES-128

使用环境 Working Condition

适用场所 Applicable place	室内使用 Indoor
工作温度 Working temperature	-5℃~40℃/14°F~140°F
工作湿度 Working humidity	5%~95% RH, 无冷凝 5%~95% RH, non-condensing
工作海拔 Working height	2000米以下 Less than 2000m

安装信息 Installation

安装方式
Installation methods

1. 桌面摆放
2. 配合底座安装
 - ① 底座磁吸到金属表面
 - ② 底座3M胶粘贴墙体

1. Place on the desktop
2. Install with base

- ① Attach to the metal surface with the magnetic base
- ② Stick on the wall with 3M adhesive base

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[\[pdf\]](#) Specifications

SNZB 02D V1 [Click here to check the Specification](#)Affordable Electronics Laptops in Lebanon

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Product Specification **SNZB-02D** Zigbee / Zigbee LCD Smart Temperature Humidity Sensor Basic Information Product series Type Model Power supply Battery model Temperature tolerance Humidity tolerance Gateway Sensors Temperature and humidity sensor **SNZB-02D** 3V x1 3V button cell x 1 CR24...

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Product Specification

SNZB-02D

Zigbee LCD Smart Temperature Humidity Sensor



Basic Information

Product series	Gateway & Sensors
Type	Temperature and humidity sensor
Model	SNZB-02D
Power supply	3V button cell x 1
Battery model	CR2450
Temperature tolerance	-5.2°C/23.4°F
Humidity tolerance	±2%RH
MCU	EFR32MG22

Appearance

Color	White
LCD dimension	2.8" (174 reflective segment code screen)
Product dimension	55.5x42.5x18.5mm
Package dimension	63x54x22.5mm
Net weight	65.5g
Total weight	78g
Casing material	PC+LCD

Features

Functions

SNZB-02D is a smart temperature and humidity sensor with LCD screen, allow you to see the real-time temperature and humidity on the screen and monitor the living conditions on the App, provides accurate measurements with ultra-high precision, ability to switch between °C and °F, store and export historical data, get alarm and notifications, voice query, and set smart scenes to realize your home automation.

Pairing time

30s

Matched gateways

SONOFF ZBBridge, ZBBridge-P, Host, ZBDongle-P, ZBDongle-E
① Echo Plus 2nd, Echo 4th Gen, Echo Show 2nd
Third-party compatible gateway models:
② Amazon Gateway Model Echo Plus 2nd, Echo 4th Gen, Echo Show 2nd
Other gateways supporting ZigBee3.0 wireless protocol.
Detailed information is in accordance with the final product.

Wireless standard

Wireless connection	ZigBee 3.0 (IEEE802.15.4)
Antenna	PCB Antenna
Security mode	AES-128
Encryption type	AES-128

Working Condition

Applicable place	Indoor
Working temperature	-5°C~40°C/32°F~104°F
Working humidity	5%-95% RH, non-condensing
Working height	Less than 2000m

Installation

Installation methods

1. Place on the desktop

2. Install with base

① Attach to the metal surface with the magnetic base

② Stick on the wall with 3M adhesive base

Made in china

[pdf] Specifications

SNZB 02D V1 0 17 mag 2023 — is a smart temperature and humidity sensor with LCD screen allows you to see the real time on 577440 610650 katanrji tocimages files |||

Product Specification **SNZB-02D** Zigbee LCD Smart Temperature Humidity Sensor

Basic Information Product series Type Model Power supply Battery model

Temperature tolerance Humidity tolerance MCU Gateway Sensors Temperature and

humidity sensor **SNZB-02D** 3V button cell x 1 CR2450 0.2/0.4 2 RH EFR32MG2...

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Especificación del producto

SNZB-02D

Sensor inteligente de humedad y temperatura LCD Zigbee



Información básica

Serie de producto	Puerta de enlace y sensores
Tipo	Sensor de temperatura y humedad
Modelo	SNZB-02D
Fuente de alimentación	1 pila de botón de 3V
Modelo de batería	CR2450
Tolerancia a la temperatura	55.2°C/33.4°F
Tolerancia a la humedad	±2%RH
MCU	8P8C228622
Certificaciones	CE/FCC/ISED/RH65

Apariencia

Color	Bianco
Dimensión LCD	2.8" (pentillo de código de segmento reflectante TN)
Dimensión del producto	59.5x52.5x18.8mm
Dimensión del paquete	63x63x22.8mm
Peso neto	68.8g
Peso total	79g
Materia de la carcasa	PC+LCD

Características

Funciones

El SNZB-02D es un sensor inteligente de temperatura y humedad con pantalla LCD, le permite ver la temperatura y la humedad en tiempo real en la pantalla y monitorear las condiciones de vida en la aplicación, proporciona mediciones precisas con precisión alta, capacidad de cambiar entre °C y °F, almaceña y expone datos históricos, alarma silenciosa y notificaciones, controla de voz y configure eventos inteligentes para realizar la automatización de su hogar.

Tiempo de emparejamiento

30s

Puertas de enlace compatibles

SONOFF ZBBridge, ZBBridge-P, smart, ZB Dongle-P, ZB Dongle-E

Puertas de enlace de terceros compatibles:

① Modelos de Amazon: Echo Plus 2.ª, Echo 4.ª Gen, Echo Show 2.ª

Otras puertas de enlace que admiten el protocolo inalámbrico ZigBee 3.0. La información detallada está de acuerdo con el producto final.

Estándar inalámbrico

Conexión inalámbrica	Zigbee 3.0 (IEEE802.15.4)
Antena	Antena PCB
Modo de seguridad	AES-128
Tipo de cifrado	AES-128

Condiciones de trabajo

Lugar aplicable	Interior
Temperatura de trabajo	-5°C/-40°F-145°F-140°F
Humedad de trabajo	0%-95% RH, sin condensación
Altura de trabajo	Menos de 2000 m

Instalación

Métodos de instalación

- Coloque en el escritorio
- Instalar con base
- Figar a la superficie metálica con la base magnética.
- Presionar en la pared con base adhesiva 3M

Shenzhen Sonoff Technologies Co., Ltd.

 <https://sonoff.tech>

[Especificaciones del Sensor Inteligente de Humedad y Temperatura SONOFF SNZB-02D Zigbee LCD](#)

Descubra las especificaciones detalladas del sensor inteligente SONOFF SNZB-02D, un dispositivo Zigbee con pantalla LCD para monitoreo de temperatura y humedad en tiempo real. Incluye información sobre compatibilidad, características y condiciones de operación.

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[\[pdf\]](#) Decleration of Conformity

Tian SONOFF SNZB 02D CE Photographs of Test Setup RF DOC Official sonoff tech 2023 02 |||

Page 1 of 1 Test Model: **SNZB-02D** Appendix D for Photographs of Test Setup_RF

Spurious Emission below 1GHz above 1GHz Shenzhen LCS Compliance Testing

Laboratory Ltd. Add: Room 101, 201, Building A and Room 301, Building C, Juji

Industrial Park, Yabianxueziwei, Shajing Street, Bao an District, S...

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[\[pdf\]](#) Decleration of Conformity Test Report

User SONOFF SNZB 02D FCC Healthy Test Report DOC Official sonoff tech 2023 02 |||

Page 1 of 3 FCC ID: 2APN5**SNZB-02D** Maximum Permissible Exposure Report 1.

Product Information FCC ID Product name Test Model Power Supply Hardware

Version Software Version Zigbee Channel Number Channel Spacing Modulation Type

Antenna Type Antenna Gain Exposure category EUT Type Device Type : 2APN...

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[\[pdf\]](#) Test Report SAR Rating

User RF Exposure MPE FCC Shenzhen Sonoff Technologies Co Ltd SNZB 02D 2APN5SNZB

2APN5SNZB02D snzb 02d

Page 1 of 3 FCC ID: 2APN5**SNZB-02D** Maximum Permissible Exposure Report 1.

Product Information FCC ID Product name Test Model Power Supply Hardware

Version Software Version Zigbee Channel Number Channel Spacing Modulation Type

Antenna Type Antenna Gain Exposure category EUT Type Device Type : 2APN...

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