Sonoff AirGuard TH SNZB-02DR2 ZigBee LCD Αισθητήρας θερμοκρασίας και υγρασίας

Sonoff · EAN 6920075743593

Machine translation from Čeština. In case of doubt the manufacturer's original document prevails.

User Manual SNZB-DR

Zigbee Temperature and Humidity Sensor User Manual V1.0

Introduction

AirGuard TH is an intelligent temperature and humidity sensor that supports both Zigbee and Bluetooth connectivity. It features a large high-quality LCD display that shows the current local temperature and humidity values, daily maximums and minimums, and remote measurement data—all clearly in one place, making it an ideal choice for monitoring the home environment. When connected to a phone via Bluetooth, the app allows real-time temperature monitoring, viewing historical statistics, and data on the dew point, enabling intuitive and convenient monitoring. Once paired with a Zigbee gateway, it supports remote access to data, remote setting of temperature and humidity sources, and smart home scene automation for enhanced functionality.

Large 3.6" Display Dual-Mode Connectivity Monitoring via App

Dew Point Measurement Comparison of Remote Data Smart Scenes

① Bluetooth Signal Icon ⑦ Maximum and Minimum Humidity of the Day

● Steady on: Successful pairing in Bluetooth mode

② Zigbee Signal Icon ⑧ Hanging Hole

● Slowly blinking: Device is in pairing mode

● Steady on: Successful pairing in Zigbee mode

③ Battery ⑨ Button

● Single press: Wake device / reconnect

● Double press: Switch temperature unit ℃/℉ (Default setting is ℃)

● Hold the button for 5 seconds: Device enters pairing mode (pairing time 180 s)

④ Current Temperature ⑩ Stand

⑤ Maximum/Minimum Temperature of the Day External Temperature and Humidity

⑥ Current Humidity

Specifications

Product Name AirGuard TH

Product Series AirGuard Series

Device Type Zigbee Temperature and Humidity Sensor

Model SNZB-02DR2

MCU TLSR8656F512ET32

Input 3.0 V (2*1.5V batteries)

Battery Model LR03 AAA

Display 3.6"

Zigbee IEEE 802.15.4

Net Weight 99.3 g (with batteries)

Color White

Product Dimensions 95x70x18.2 mm

Housing Material PC+ABS

Usage Location Indoor

Operating Temperature -20 ~ 60 °C

Operating Humidity 5~95 % RH non-condensing

Certification CE/FCC/RoHS

Download the eWeLink App

Please download the "eWeLink" app from the Google Play Store or Apple App Store. Turn on the Device

Remove the battery insulation film to turn on the device. When the device is powered on for the first time, it will automatically enter pairing mode, and the signal icon will be in a "slowly blinking state." The device will exit pairing mode if not paired within 3 minutes. To activate pairing mode again, hold the button on the device for 5 seconds until the signal icon starts blinking slowly, then release the button. Add Device

Method 1: Zigbee Pairing (Recommended)

① Add SONOFF Zigbee Gateway

Paired Gateways

Recommended SONOFF Gateway Models: ZBBridge-P, ZBBridge-U, NSPanel Pro, iHost

Other compatible SONOFF gateway models: ZBDongle-P, ZBDongle-E, Dongle-M, Dongle-NO FF: PMG24, Dongle-LMG21

② Add Device

Home >

Add Device

Add Device

= Scan

Home Scene Message Profile

Overview

Select "Scan" Scan the QR code on the device

Introduction AirGuard TH | My Wordpr……

Zigbee Temperature and Humidity Sensor

Product Name: AirGuard TH

User Manual

Add Device

Select "Add Device" (If the device exits pairing mode)

Long press the button for 5 seconds

← Add Device

Don't have a gateway?

Add to the phone via Bluetooth >

Next

Check the signal indicator blinking status Select Zigbee gateway

(Slow blinking)

← Add device

. Keep-

Connecting

the device close enough

. to the hub

Searching for devices

1 device found

Wait until the addition is complete. Method 2: Pairing via Bluetooth

6

Home >

Add device

Add device

Scan

Home Overview Profile

Message

Select "Scan" Scan the QR code on the device

Introduction AirGuard TH | My Wordpr……

Zigbee temperature and humidity sensor

Product name: AirGuard TH

User manual

Add device

Choose "Add device" (If the device leaves pairing mode)

Press and hold the button for 5 seconds

Bluetooth pairing

Put the device into pairing mode

Press and hold the pairing button for 5 seconds until the WiFi indicator blinks twice and then stays on for 1 second (blink - blink - pause)

For the light, turn the device off and on three times until it starts

blinking

* Complete pairing within 3 minutes of the device entering pairing mode

Long press the button LED indicator

pairing for 5 seconds blinks twice, then

followed by a pause

Indicator blinks correctly Learning indicator >

Next

dm

Check the signal indicator blinking status Tap "Next"

(Slow blinking)

7

Scanning devices

Bluetooth devices in range

Follow the product instructions to switch

the device to pairing mode

Bring the phone close to the device

Device list Search for devices

Connect

Connect

Select the device and tap "Connect"

When connecting to the Zigbee gateway, the eWeLink app offers full functionality including remote access, smart scenes, and notifications. Without the Zigbee gateway, if the device is connected directly to the phone, the eWeLink app

supports basic functions, such as local data display. Installation methods

Open the stand and place the device on Use screws to mount the device on the wall. the table. How to use the remote temperature and humidity display

8

Device settings Remote temperature and humidity D... Save

Assign location

826.2

Share

MAX 13.9 38.6 MIN Finer monitoring MAX

Device settings Remote temperature dis- SS

play and humidity

Temperature unit

Calibration

Comfort level settings

Remote display of temperature and Remote temperature.

&

humidity

Device Select sensor >

Remote temperature and humidity display

Reset MAX and MIN Select sensor >

measured values

Device information

Manufacturer

Select “Remote temperature and humidity display” Activate the switch and select the device that

will be used as a remote source of temperature

and humidity in the device settings. ← Remote temperature and humidity D... Save

High

Save Remote temperature and

Humidity display

Temperature

humidity

Display

25.9 25.5

Allows the device to display and remote

temperature and humidity measurements, such as recorded
indoors and outdoors on the LCD display. Note: For optimal performance, a stable Zigbee Relative humidity
network between the device, external sensor, and control unit % RH
SONOFF. 56.4%RH,
57 8
Remote temperature and humidity display
-Temperature (°C) Humidity (% RH) Out of range
Press the button once to save
The button is located on the back of the device
Tap “Save” in the upper right corner, then After successful setup, the remote
press the device button according to the displayed data will be shown on the display and in the app. instruction to confirm. To cancel the display of remote temperature and humidity: turn off the switch and then press the button
on the device to save the settings. The display and the device serving as the source of remote temperature and humidity must be added
under the same SONOFF Zigbee gateway. Supported SONOFF sensors for remote temperature and humidity source: SNZB-02, SNZB-02P,
SNZB-02D, SNZB-02WD, SNZB-02LD. Supported SONOFF gateways for remote temperature and humidity source function: ZBBridge-P,
ZBBridge-U, NSPanel Pro, iHost. 9
To use this feature, please update the device firmware to version 1.1.0 or newer. Battery replacement
To replace the batteries, remove the battery cover. When replacing, use batteries of the same type. Factory reset
Press and hold the device button while turning it on. The device will be restored to factory settings.
FCC compliance statement
Responsible party name: SONOFF TECHNOLOGY LLC
Address: 14777 NE 40th St, Suite 201 Bellevue, WA 98007
Email: usres@itead.cc FCC ID: 2APN5-SNZB02DR2
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 device.

Note: This device has been tested and found to comply with the limits for digital devices of Class B according to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in residential installations. This device 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.

If any deviation is detected or found, maintenance (cleaning) or service measures must be carried out immediately. If proper maintenance (cleaning) is not performed and no action is taken regarding the identified abnormal condition, permanent damage to the product may occur. The guarantor is not liable for damages resulting from negligence. Importer:
INNPRO Robert Błędowski sp. z o.o. Rudzka 65c
44-200 Rybnik, Poland
tel. +48 533 234 303
hurt@innpro.pl
www.innpro.pl