HOMESYSTEM

QUICK START GUIDE

Sonoff SNZB-02UL

AirGuard E-Ink – Zigbee temperature and humidity sensor

Manufacturer: **Sonoff** · Model: **Sonoff SNZB-02UL**

PRODUCT IN THE HOMESYSTEM E-SHOP

obchod.homesystem.sk/en/sonoff-airguard-e-ink-zigbee-senzor-teploty-a-vlhkosti--snzb-02ul-/

This guide belongs to a product purchased at obchod.homesystem.sk. Scan the QR code for up-to-date information, accessories and advice.

The sensor shows temperature and humidity on a 2.9" E-Ink display, plus a 6-hour history even without a gateway. Connected to a Zigbee gateway, it also shows the time, date, weather and readings from another sensor.

BASIC INFORMATION

Model	SNZB-02UL (AirGuard Series)
Power supply	3.0 V⎓, 2× AAA battery (LR03)
Battery life	8+ months with a gateway, 15+ months standalone (manufacturer data)
Wireless	Zigbee (IEEE 802.15.4)
Display	2.9" E-Ink, viewing angle almost 180°
Accuracy	±0.2 °C, ±2 % RH (Sensirion sensor), updated every 5 s
Dimensions / weight	99.1 × 51.1 × 18.6 mm / 91 g incl. batteries; white, PC
Environment	0 to 50 °C, 5–95 % RH non-condensing, indoor use only
Parts	display, button, battery cover, fold-out stand, hanging slot, anti-slip pad

SAFETY INSTRUCTIONS

CAUTION

- Use indoors only, mounting height max. 2 m.
- When replacing, use the same battery type (AAA, LR03) and observe polarity.

BUTTON

Single press	switch display pages (incl. 6-hour history); range check
Double press	switch unit °C / °F
Hold 5 s	pairing mode (lasts 3 minutes)
Hold 10 s	factory reset (signal icon flashes 5×)

DISPLAY

Zigbee icon flashes slowly	pairing mode
Zigbee icon steady	connected to the Zigbee network
Zigbee icon flashes twice (after a single press)	sensor is within range of the gateway or router
Comfort icons	temperature: hot / cold; humidity: humid / dry
Time, date, weather, external sensor	only when connected to a Sonoff Zigbee gateway or Home Assistant

NOTE

- A brief flicker when the image refreshes is normal for E-Ink displays. If the sensor loses its network connection, the time, date, weather and remote sensor readings disappear after 24 hours and reappear once the connection is restored.

PLACEMENT

- Stand it on a table using the stand, attach it magnetically to a metal surface, hang it on the wall or stick it with double-sided tape.
- Keep it away from direct sunlight, radiators and other heat sources, otherwise readings will be distorted.
- Temperature and humidity can be calibrated in the app against a reference meter.

FIRST START

1. Open the battery cover (lift it by the latch) and insert 2 AAA batteries.
2. Download the eWeLink app and make sure a Zigbee gateway has been added.
3. In the app, scan the device QR code or tap “+” and “Add Device”.
4. Hold the button for 5 s; the Zigbee icon starts flashing slowly.
5. Select the Zigbee gateway and wait until pairing completes – the Zigbee icon stops flashing and stays on.

SUPPORTED GATEWAYS

- All features (time, weather, remote sensor): Sonoff Bridge-M, ZBBridge-U, ZBBridge-P, NSPanel Pro, iHost (depending on firmware).
- Home Assistant: via Zigbee2MQTT (e.g. with Sonoff Dongle Plus MG24); ZHA does not yet offer full support.
- Apple Home and Matter via Bridge-M, ZBBridge-U or iHost; Alexa and Google Home via an eWeLink account.

Disposal: A product marked with the crossed-out wheeled bin symbol must not be disposed of with household waste. Take it to a WEEE collection point or return it to the retailer when buying a new device. Dispose of batteries separately at a battery collection point.
Important: this quick guide in English was prepared by HomeSystem s.r.o. for customers of the obchod.homesystem.sk e-shop based on the manufacturer's documentation. In case of discrepancies, the manufacturer's original manual prevails: https://support.sonoff.tech/snzb-02ul-usermanual/
Product: obchod.homesystem.sk/en/sonoff-airguard-e-ink-zigbee-senzor-teploty-a-vlhkosti--snzb-02ul-/ · Version: 11/2026
Need advice? obchod.homesystem.sk · +421 948 213 492