FRIOLINK™

DATASHEET

SONOFF SNZB-02P

SONOFF (ITEAD) · Zigbee temperature and humidity sensor

Status with Friolink: Field-tested

Battery-powered ambient sensor for rooms, warehouses and chilled cold rooms. It connects to Friolink Gateway over Zigbee and reports whenever the value changes.

Specifications

Radio / protocol	Zigbee 3.0 (IEEE 802.15.4) · EFR32MG22 [2]
Temperature accuracy	±0,2 °C [1]
Humidity	±2 % RH accuracy [1]
Operating temperature	−10 to 60 °C · 5 to 95 % RH non-condensing (indoor use) [1]
Battery	CR2477 · 3 V [1]
Battery life	Up to 4 years (manufacturer's lab data) [1]
Reporting interval	On value change (5 s minimum); at least hourly if unchanged [1]
Range	Not published
Protection	Not published · indoor use [2]
Dimensions	45 × 45 × 17,7 mm [2]
Weight	26,7 g [2]
Certifications (manufacturer)	CE · FCC · ISED · RoHS · IEC/EN 62368-1 · UL 4200A [2]
Connection to Friolink	Friolink Gateway, via Zigbee · field-tested since 09/2026 [3]

With Friolink

- Paired from the gateway's web page, no manufacturer app
- Temperature, humidity and battery on the device record
- Low-battery alert before it stops measuring

> Certifications (CE, FCC and others) are those declared by each device's manufacturer; Friolink does not certify third-party hardware. Technical data comes from the sources cited.

Sources

[1] SONOFF, product page: https://sonoff.tech/en-us/products/sonoff-zigbee-temperature-and-humidity-sensor-snzb-02p

[2] SONOFF, user manual V1.2: https://cdn.shopify.com/s/files/1/0742/9963/8001/files/User_Manual_SNZB-02P_EN_V1.2.pdf

[3] Friolink compatible hardware list: Friolink Gateway (GATEWAY-COMPATIBILIDAD.md)

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