

SONOFF SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor

The **SONOFF SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor** is an advanced device designed to monitor and display real-time temperature and humidity levels in your home, office, or commercial environment. With Zigbee connectivity, LCD display, and seamless integration with the eWeLink app, this sensor allows you to maintain comfort, automate devices, and enhance energy efficiency. It is an essential tool for smart homes and intelligent environments where precise climate monitoring is required.

Real-Time Temperature and Humidity Monitoring

The SNZB-02D provides **accurate, real-time readings** of temperature and humidity. The device displays this data directly on its **clear LCD screen**, allowing you to quickly see the current environment conditions at a glance. Whether you are monitoring your living room, bedroom,

greenhouse, or office, this sensor ensures you are always informed about indoor climate conditions.

Zigbee Connectivity for Smart Home Integration

The sensor uses **Zigbee 3.0 technology** to connect to your smart home network, providing fast, reliable, and low-latency communication. When linked to the **SONOFF Zigbee Bridge Pro** or other compatible Zigbee hubs, the SNZB-02D can transmit data to the eWeLink app, enabling remote monitoring and real-time alerts. This connectivity allows the sensor to act as a trigger for other smart devices in your home, creating a fully automated smart ecosystem.

Smart Automation and Scenes

With the SNZB-02D, you can set **custom automation rules** based on temperature or humidity levels. For example:

- Automatically turn on the air conditioner when the temperature rises above a set point
- Activate a dehumidifier when humidity exceeds a threshold

- Trigger smart fans or heaters based on indoor climate conditions
- Send push notifications to your smartphone for immediate alerts

These automation features ensure that your home or workspace remains **comfortable, energy-efficient, and safe** without manual intervention.

LCD Display for Easy Reading

The SNZB-02D features a **large and easy-to-read LCD screen**, displaying both temperature and humidity simultaneously. This eliminates the need to check your smartphone every time, providing instant environmental information at a glance. The clear and bright display ensures that readings are visible in all lighting conditions.

Remote Monitoring via eWeLink

By integrating with the **eWeLink app**, the SNZB-02D allows you to monitor temperature and humidity **from anywhere in the world**. You can check real-time readings, view historical data, and receive notifications if conditions exceed pre-set thresholds. This level of control provides

peace of mind, especially for managing sensitive environments like greenhouses, wine cellars, or server rooms.

Voice Assistant Integration

The sensor works seamlessly with **Amazon Alexa and Google Assistant**, enabling voice-based interactions as part of your smart home ecosystem. While the SNZB-02D itself is a monitoring device, it can **trigger connected devices** via voice commands when combined with compatible smart home setups. This integration adds convenience and expands the versatility of your home automation system.

Long Battery Life and Easy Installation

The SNZB-02D is designed for **low power consumption**, providing **long battery life** for months of continuous operation. Its compact and lightweight design allows for **easy placement anywhere**—on walls, tables, shelves, or other surfaces. Installation is simple and requires no professional expertise, making it ideal for homeowners, renters, and businesses alike.

Key Features

- Real-time temperature and humidity monitoring
- LCD display for instant environmental readings
- Zigbee 3.0 connectivity for reliable communication
- Smart automation via eWeLink app
- Remote monitoring and notifications from anywhere
- Works with Alexa and Google Assistant
- Low power consumption with long battery life
- Easy installation and versatile placement

Specification



Model:
SN2B-02D

Wireless connections:
Zigbee 3.0

Working humidity:
5~95%RH(non-condensing)

Casing materials:
PC+LCD

Battery model:
CR2450(3V)

Working temp:
-9.9 ~ 60°C

Battery life:
2 year

Color:
White

Ideal Applications

The SONOFF SNZB-02D is perfect for:

- **Smart homes** – Maintain comfortable indoor climate
- **Greenhouses** – Monitor temperature and humidity for optimal plant growth
- **Offices** – Ensure ideal working conditions
- **Commercial spaces** – Track environmental conditions in shops, cafes, or storage areas
- **Sensitive environments** – Wine cellars, server rooms, or laboratories

Conclusion

The **SONOFF SNZB-02D Zigbee LCD Smart Temperature Humidity Sensor** is an essential device for anyone looking to monitor and automate indoor climate conditions. Its accurate readings, LCD display, Zigbee connectivity, smart automation, and compatibility with the eWeLink app make it a versatile and reliable tool for smart homes and commercial spaces. Enhance comfort, efficiency, and safety with the **SONOFF SNZB-02D** and experience the convenience of real-time environmental monitoring at your fingertips.