MOES ZSS-S01-TH-C-MS-N

MOES Zigbee Temperature and Humidity Sensor Monitor

Model: ZSS-S01-TH-C-MS-N
Brand: MOES

1. Introduction

The MOES Zigbee Temperature and Humidity Sensor Monitor provides accurate, real-time environmental monitoring for various indoor settings. This compact device integrates with your smart home system via a MOES Zigbee Gateway, allowing for intelligent automation and remote data access through the Smart Life or Tuya Smart app.

Important Note: This sensor requires a MOES Zigbee Gateway (sold separately) to function. It supports 2.4GHz WiFi connections only; 5GHz networks are not compatible.



This image displays the MOES Zigbee Temperature and Humidity Sensor in its packaging, highlighting its compatibility with Zigbee 3.0, Google Assistant, and Amazon Alexa.

2. Package Contents

- MOES Zigbee Temperature and Humidity Sensor
- User Manual (this document)
- CR2032 Battery (not included)

3. Specifications

- **Brand:** MOES
- **Model:** ZSS-S01-TH-C-MS-N
- **Color:** White (Temperature and Humidity Sensor)
- **Mounting Type:** Tabletop
- **Battery Type:** CR2032 button cell (not included)
- **Temperature Accuracy:** 0.3 °C

- **Humidity Sensitivity:** 5% RH
- **Upper Temperature Rating:** 50 Degrees Celsius
- **Item Weight:** 0.81 ounces
- **Package Dimensions:** 3 x 2.25 x 1 inches
- **Connectivity:** Zigbee 3.0 (requires Zigbee Gateway)

4. Setup Instructions

4.1. Battery Installation

1. Gently slide off the backing plate of the sensor.
2. Insert one CR2032 button cell battery into the battery compartment, ensuring correct polarity (+/-).
3. Slide the backing plate back onto the sensor until it clicks securely into place.

4.2. Pairing with MOES Zigbee Gateway and App

1. Ensure your MOES Zigbee Gateway is powered on and connected to your 2.4GHz WiFi network.
2. Download and open the Smart Life or Tuya Smart app on your smartphone.
3. Add the Zigbee Gateway to your app if you haven't already.
4. In the app, select your Zigbee Gateway, then choose to add a new sub-device.
5. Follow the on-screen instructions to put the sensor into pairing mode (usually by pressing and holding a reset button on the sensor for a few seconds until an indicator light flashes).
6. Once detected, confirm the sensor in the app and assign it a name and location.

4.3. Placement

Place the sensor in the desired location, such as a bedroom, living area, or storage room. For accurate readings, avoid placing it near heat sources, direct sunlight, or areas with high airflow (e.g., near vents or open windows).

5. Operating Instructions

5.1. Real-time and History Records Monitoring

After successful pairing, open the Smart Life or Tuya Smart app. Select your sensor to view real-time temperature and humidity data. The app also provides historical data, allowing you to track environmental changes over time.



The MOES Smart Life app interface shows current temperature and humidity readings, along with historical data graphs. This allows users to monitor environmental conditions over time, ensuring comfort for pets and occupants.

5.2. Smart Scene Linkage

Utilize the app's smart scene feature to create automated actions based on temperature and humidity readings. For example:

- Set a smart plug to turn on a humidifier if humidity drops below 40% RH.
- Configure a smart plug to turn off a heater if the temperature exceeds 21°C.



The sensor can be linked with smart plugs and other devices via the MOES APP to automate climate control. For example, a humidifier can turn off if humidity exceeds 60% RH, or a heater can activate if the temperature drops below 16°C.

5.3. Voice Control

Integrate the sensor with Amazon Alexa or Google Assistant for convenient voice control. Once linked, you can ask your voice assistant for current temperature and humidity readings in the room where the sensor is located.



The MOES sensor integrates with voice assistants like Amazon Alexa and Google Assistant. Users can verbally inquire about current temperature and humidity readings in specific rooms, providing convenient hands-free monitoring.

6. Applications

The MOES Zigbee Temperature and Humidity Sensor is suitable for a variety of applications, including:

- **Residential Spaces:** Bedrooms, living rooms, basements, attics.
- **Specialized Environments:** Animal cages, greenhouses, egg incubators, humidors, wine cellars.
- **Storage:** Food storage areas, general storage rooms for sensitive items.



The MOES sensor is suitable for a wide range of applications requiring precise environmental monitoring, such as maintaining optimal conditions for pets, plants, sensitive goods, or stored items.



Maintaining optimal indoor temperature and humidity levels is crucial for health and well-being. This sensor helps prevent issues related to excessively dry or humid environments, such as discomfort, skin irritation, or respiratory problems.

7. Maintenance

7.1. Battery Replacement

When the battery level is low (indicated in the app), replace the CR2032 battery by following the installation steps in Section 4.1.

7.2. Cleaning

Wipe the sensor's exterior with a soft, dry cloth. Do not use liquid cleaners or immerse the device in water.

7.3. Environmental Considerations

Ensure the sensor is kept within its specified operating temperature and humidity ranges to maintain accuracy and device longevity.

8. Troubleshooting

- **Sensor not connecting to Gateway/App:**
  - Ensure the MOES Zigbee Gateway is powered on and connected to a 2.4GHz WiFi network.
  - Verify the sensor has a fresh CR2032 battery installed correctly.
  - Try resetting the sensor and re-initiating the pairing process in the app.
  - Ensure the sensor is within range of the Zigbee Gateway.
- **Inaccurate readings:**
  - Check the sensor's placement; avoid direct sunlight, heat sources, or strong drafts.
  - Ensure the battery is securely seated. A loose battery can sometimes cause intermittent connectivity or incorrect readings.
  - Allow the sensor a few minutes to stabilize after placement or battery change.
- **App not displaying data:**
  - Check your internet connection and ensure the Zigbee Gateway is online.
  - Restart the Smart Life or Tuya Smart app.
  - Verify the sensor is still paired and active in the app.

9. Warranty and Support

For warranty information or technical support, please refer to the MOES official website or contact MOES customer service through the contact details provided with your purchase or on the product packaging. Please have your model number (ZSS-S01-TH-C-MS-N) available when contacting support.

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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