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RISOON Hygrometer Thermometer Sensor

RISOON WiFi Hygrometer Thermometer Sensor User Manual

Model: Hygrometer Thermometer Sensor

INTRODUCTION

This manual provides detailed instructions for the RISOON WiFi Hygrometer Thermometer Sensor. This device allows for remote monitoring of temperature and humidity in various indoor environments. It integrates with smart home applications and voice assistants for enhanced control and convenience. Please read this manual thoroughly before using the product.

PACKAGE CONTENTS

- 1 x Indoor Thermometer Hygrometer WiFi
- 1 x Sticker
- 1 x User Manual
- 2 x AAA Batteries (LR03-1.5V)

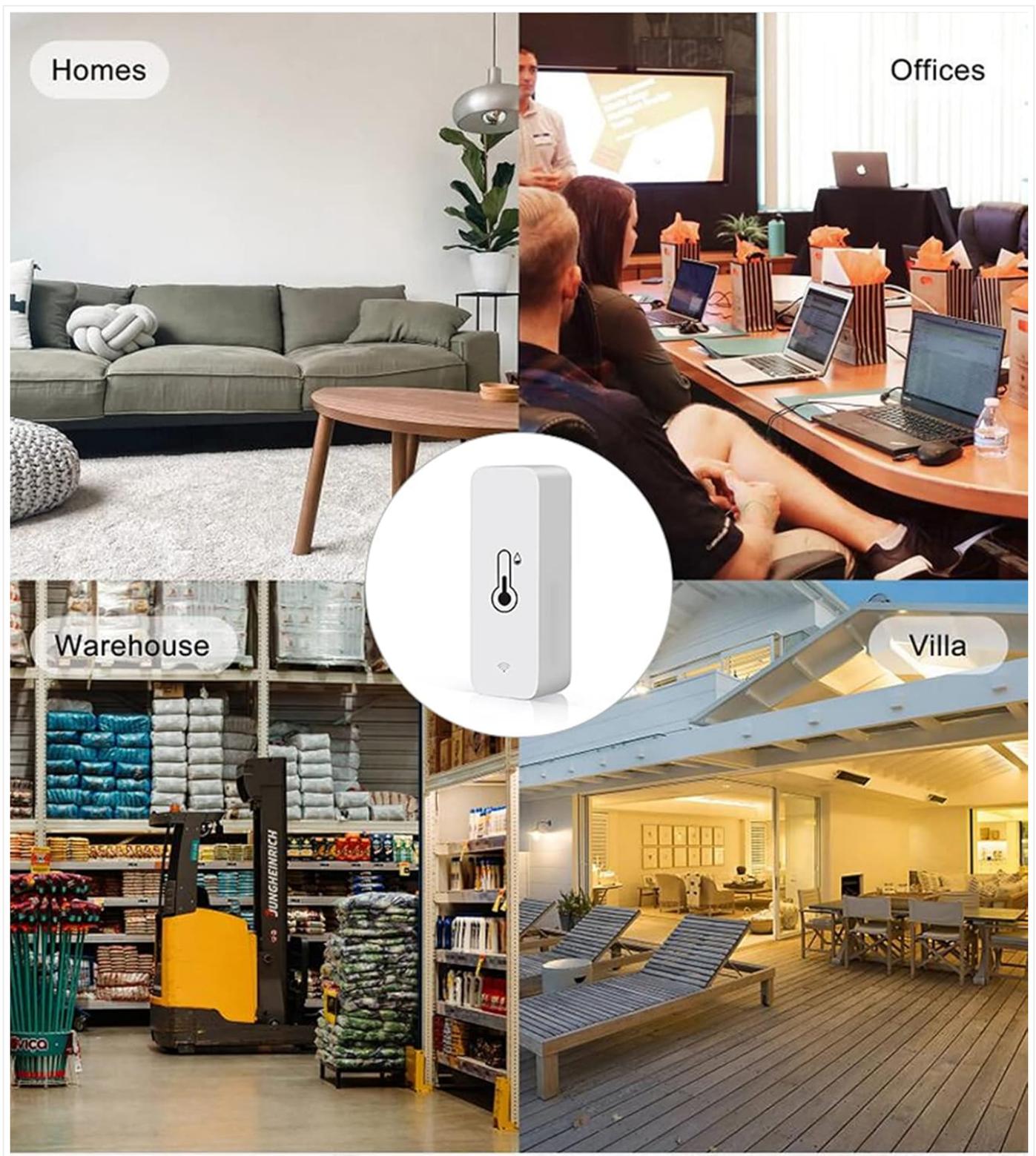


Image: The product packaging displaying the sensor, sticker, and user manual.

SPECIFICATIONS

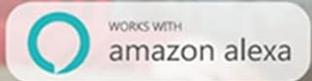
App Compatibility	Tuya Smart or Smart Life App
WiFi Connectivity	802.11b/g/n 2.4GHz (5G WiFi not supported)
Battery Type	LR03-1.5V / 2x AAA Battery
Temperature Measurement Range	-20°C to 60°C

Humidity Measurement Range	0% to 100%RH
Temperature Measurement Accuracy	±1°C
Humidity Measurement Accuracy	±5%RH
Material	ABS
Dimensions	71 x 25 x 20mm (2.72 x 0.96 x 0.76in)
Weight	38g
Mounting Type	Tabletop, Wall-mount

Works with Third-Party Smart Speaker

Support inquiring the indoor temperature and humidity via voice commands through Alexa and Google speaker.

"Alexa, what is living room temperature?"



"Google, what is living room humidity?."

"Okey!"

"Okey!"



Image: The RISOON sensor with its dimensions indicated, highlighting its compact size.

SETUP

1. Install Batteries

Open the battery compartment on the back of the sensor. Insert the two included AAA batteries, ensuring correct polarity. Close the compartment securely.

2. Download and Install the App

Download either the **Tuya Smart** or **Smart Life** app from your mobile device's app store (Google Play Store for Android or Apple App Store for iOS). Register or log in to your account.

3. Connect to WiFi

1. Ensure your mobile device is connected to a 2.4GHz WiFi network. The sensor does not support 5GHz WiFi.
2. Open the Tuya Smart or Smart Life app.
3. Tap "Add Device" or the "+" icon to add a new device.
4. Select "Sensor" or "Temperature & Humidity Sensor" from the device list.
5. Follow the on-screen instructions to put the sensor into pairing mode (usually involves pressing and holding a button on the device until an indicator light flashes).
6. Confirm the indicator light is flashing rapidly in the app.
7. Enter your 2.4GHz WiFi network password.
8. Wait for the app to connect to the device. Once connected, you can rename the sensor for easy identification.

4. Placement and Mounting

The sensor can be placed on a tabletop or mounted on a wall using the provided sticker or screws. Choose a location that provides accurate readings for the area you wish to monitor, avoiding direct sunlight or heat sources.

Sharing Function

Share your added temperature & humidity sensor with your family members, so they can also real-time monitor the indoor environment.

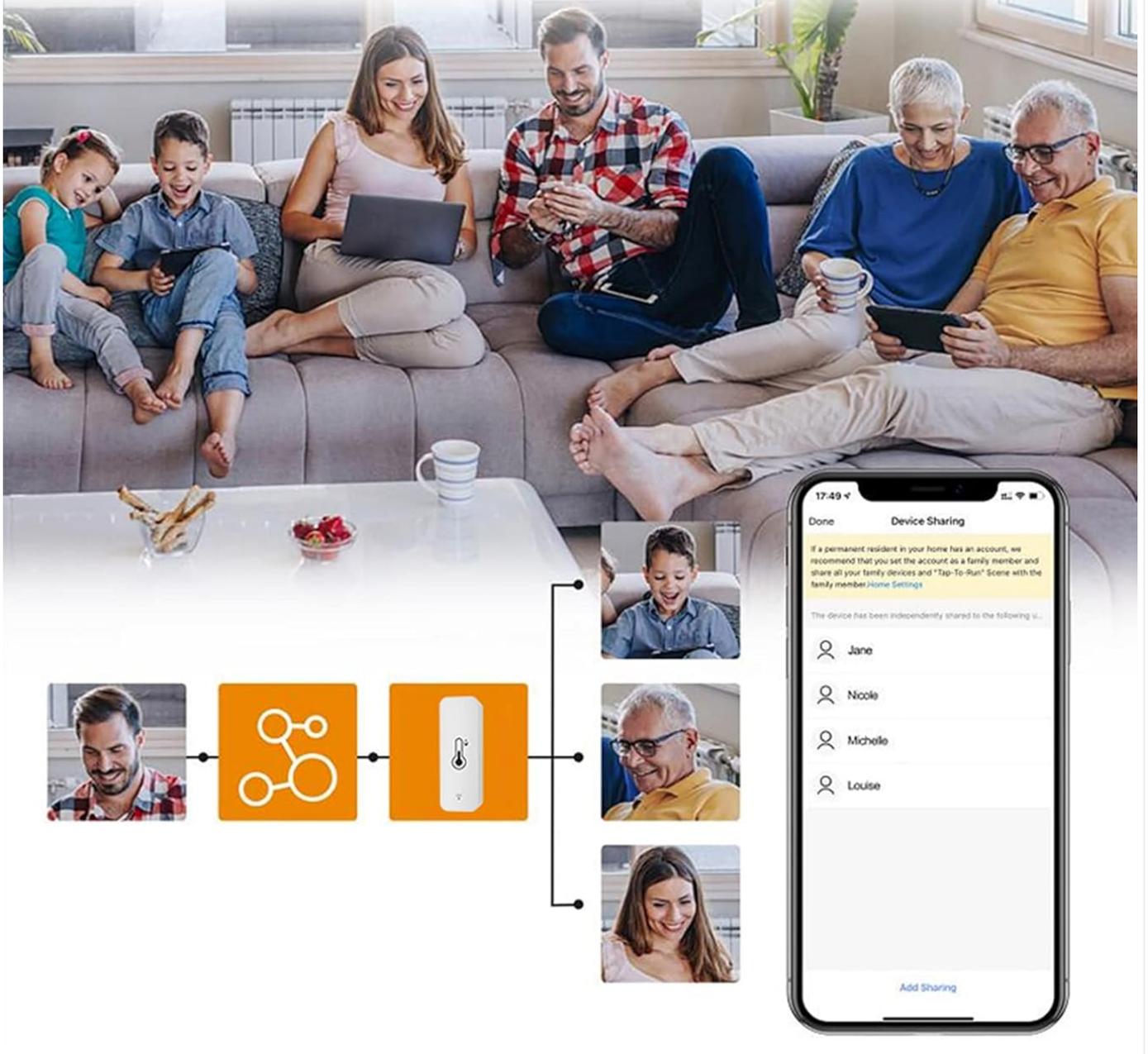


Image: The RISOON sensor shown with options for wall mounting using an adhesive sticker or screws.

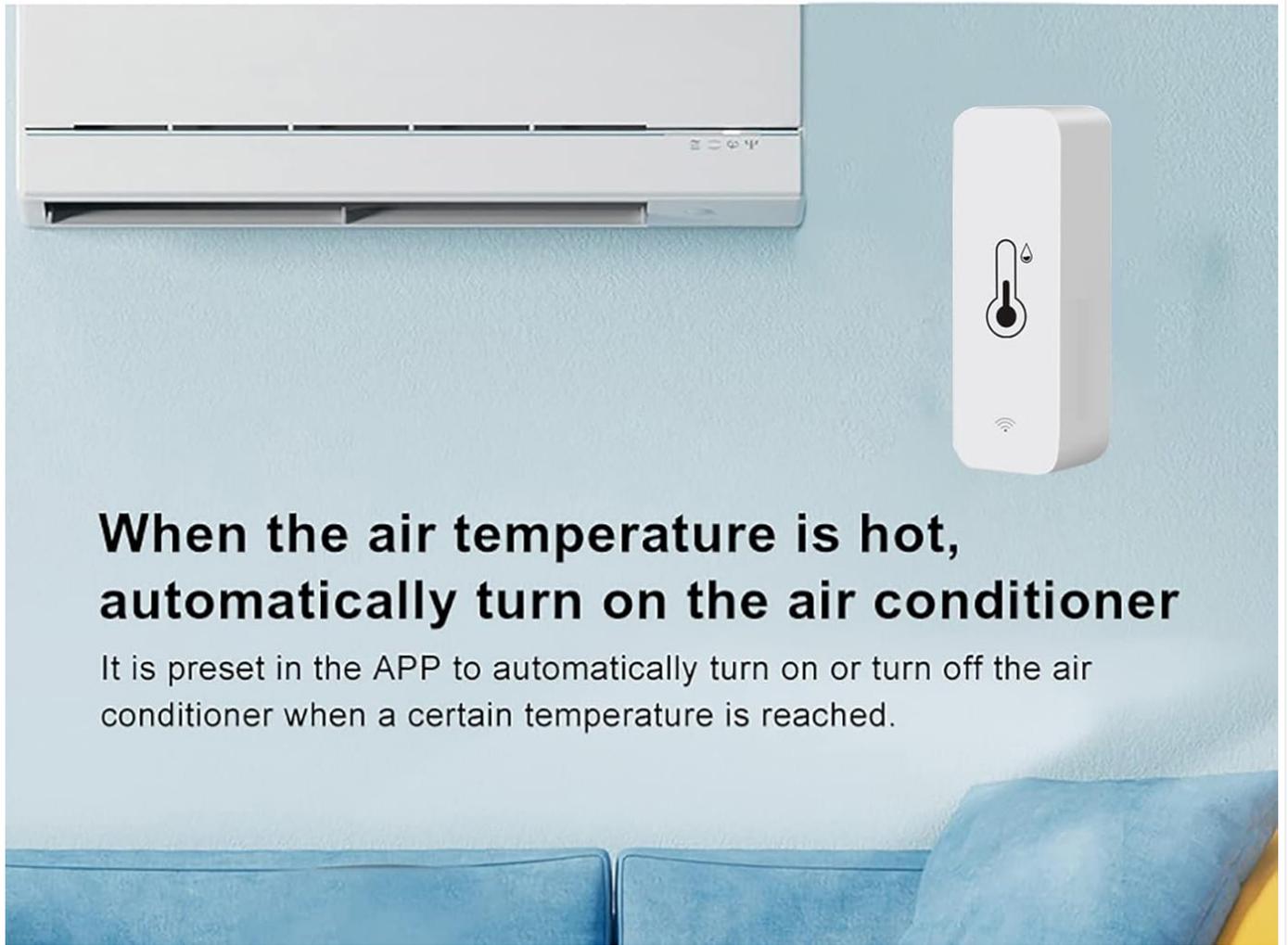
OPERATING INSTRUCTIONS

1. Remote Monitoring

Once connected, open the Tuya Smart or Smart Life app to view real-time temperature and humidity data from your sensor. You can monitor conditions anytime, anywhere, as long as your sensor is connected to WiFi and your phone has internet access.

Intelligent linkage, taking care of one step faster

The WiFi temperature and humidity sensor can be linked with other smart devices in the house to improve the indoor heating and cooling, and make your home more comfortable.



When the air temperature is hot, automatically turn on the air conditioner

It is preset in the APP to automatically turn on or turn off the air conditioner when a certain temperature is reached.

Image: Screenshot of the Tuya Smart or Smart Life app displaying real-time temperature and humidity readings from the sensor.

2. Temperature Unit Switch

You can switch the temperature unit between Celsius (°C) and Fahrenheit (°F) within the app settings. After changing the unit in the app, press the reset button on the sensor once to apply the change.



Image: Screenshots of the mobile app demonstrating how to switch the temperature unit between Celsius and Fahrenheit.

3. Smart Scene Automation

The sensor can be used as a data source for creating smart scenes within the Tuya Smart or Smart Life app.

- **Alerts:** Set up alerts to be sent to your phone when temperature or humidity exceeds or falls below preset values.

- **Device Control:** Link the sensor with other smart devices (e.g., smart plugs, air conditioners, dehumidifiers). For example, you can configure a scene to automatically turn on an air conditioner when the temperature reaches a certain limit, or activate a dehumidifier if humidity rises too high.



Image: The RISOON sensor positioned near an air conditioner, illustrating its ability to trigger smart home devices based on temperature readings.

4. Voice Control Integration

The sensor supports integration with Amazon Alexa and Google Home. After linking your Tuya Smart or Smart Life account with Alexa or Google Home, you can inquire about the current temperature and humidity using voice commands.

- Example for Alexa: "Alexa, what is the temperature in the living room?"
- Example for Google Home: "Hey Google, what is the humidity in the bedroom?"



Image: A child playing in a living room with Amazon Alexa and Google Home devices, demonstrating voice control for temperature and humidity inquiries.

5. Device Sharing

You can share access to your temperature and humidity sensor with family members through the app. This allows multiple users to monitor the indoor environment in real-time.



Image: A family on a sofa using smart devices, with an app screenshot showing the device sharing function for the RISOON sensor.

6. Application Scenarios

The compact design of the sensor makes it suitable for various environments where temperature and humidity monitoring are crucial.

- Baby rooms
- Wine cellars
- Greenhouses
- Reptile vivariums
- Cigar humidors
- Offices, Warehouses, Villas



Image: A RISOON sensor in a baby's room, emphasizing its use for monitoring conditions to ensure the baby's comfort.



Image: A collage showing the RISOON sensor being used in different environments such as homes, offices, warehouses, and villas.

MAINTENANCE

1. Battery Replacement

The sensor is designed for low power consumption, providing a long standby time. When the battery level is low, you will receive a warning notification through the app. Replace the two AAA batteries promptly to ensure continuous operation.

2. Cleaning

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

TROUBLESHOOTING

- **Device not connecting to WiFi:**

- Ensure your WiFi network is 2.4GHz. The sensor does not support 5GHz networks.
- Verify your WiFi password is correct.
- Make sure the sensor is within range of your WiFi router.
- Try resetting the sensor and attempting the pairing process again.
- Check if your router has too many devices connected, which might prevent new connections.

- **Inaccurate readings:**

- Ensure the sensor is not placed near direct heat sources (e.g., sunlight, heaters) or cold drafts.
- Some users have reported the ability to calibrate the sensor within the Tuya Smart or Smart Life app settings if minor adjustments are needed. Refer to the app's specific settings for calibration options.

- **Device loses connection frequently:**

- Check the stability of your 2.4GHz WiFi network.
- Relocate the sensor closer to your WiFi router.
- Ensure there are no physical obstructions (thick walls, large metal objects) between the sensor and the router.
- Verify that the sensor's batteries are not low.

- **App notifications not received:**

- Check your phone's notification settings for the Tuya Smart or Smart Life app to ensure they are enabled.
- Verify that you have correctly configured the smart scene rules for alerts within the app.

WARRANTY

The RISOON WiFi Hygrometer Thermometer Sensor comes with a **24-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

SUPPORT

If you encounter any issues not covered in this manual or require further assistance, please contact RISOON customer support. Refer to the product packaging or the RISOON website for contact information.

