

Gaoducash Smart temperature and humidity sensor

Gaoducash Smart WiFi Room Thermometer and Hygrometer User Manual

Model: Smart temperature and humidity sensor

Brand: Gaoducash

1. INTRODUCTION

The Gaoducash Smart WiFi Room Thermometer and Hygrometer is designed to provide real-time monitoring of indoor temperature and humidity. This device connects to your 2.4GHz WiFi network, allowing you to access data, receive smart alerts, and control settings via the Tuya Smart or Smart Life application on your smartphone. It also supports integration with voice assistants like Alexa and Google Home for convenient monitoring.



Image: The Gaoducash Smart WiFi Room Thermometer and Hygrometer displaying current temperature and humidity, alongside its mobile application interface.



Image: Overview of the device's key features, highlighting its smart capabilities and integrations.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x WiFi Thermometer and Hygrometer
- 1 x User's Manual
- 1 x USB Cable

3. PRODUCT OVERVIEW

The device features a 3.2-inch LED backlit display, showing time, temperature, and humidity. It is constructed from Acrylonitrile Butadiene Styrene (ABS) material and comes in a black finish. The unit is powered via a Micro USB port.

Image: Detailed view of the device's display and ports.

Help You to Protect Your Baby's Health

With the sensor installed in the baby's room, you can timely know the change of the temperature and humidity.



Image: The device shown with its approximate dimensions, indicating its compact design.

4. GETTING STARTED: SETUP GUIDE

Follow these steps to set up your Gaoducash Smart WiFi Room Thermometer and Hygrometer:

4.1. Download the App

Search for "Tuya Smart" or "Smart Life" in your mobile app store (Google Play Store for Android or Apple App Store for iOS) and download the application. Register or log in to your account.

4.2. Power On the Device

Connect the provided USB cable to the Micro USB port on the device and plug the other end into a USB power adapter (not included) or a powered USB port. The device requires continuous power to operate.

4.3. Pair with App

1. Open the Tuya Smart or Smart Life app.
2. Tap the "+" icon in the top right corner to add a device.
3. Select the appropriate device category (e.g., "Sensor" -> "Temperature and Humidity Sensor (Wi-Fi)").
4. Follow the on-screen instructions to put the device into pairing mode. This usually involves pressing and holding the reset button until the Wi-Fi indicator blinks rapidly.

4.4. Connect to Wi-Fi

Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The device does not support 5GHz Wi-Fi networks. Enter your Wi-Fi network password in the app to complete the connection. Once connected, the Wi-Fi icon on the device display will become solid.

5. OPERATING INSTRUCTIONS

5.1. Display Functions

The device's LED display shows the current time, temperature, humidity, and Wi-Fi connection status. Readings are updated in real-time with a slight delay.

5.2. Temperature Unit Switching (°C/°F)

You can switch between Celsius (°C) and Fahrenheit (°F) temperature units. This can typically be done via the device's reset button (a quick press) or through the settings within the Tuya Smart/Smart Life app.

°F & °C FOR OPTION

Completely solve the difference between different countries and units

29.4 °C ⇌ 84.9 °F



Image: Device display showing temperature in both Celsius and Fahrenheit.

5.3. Smart Alerts and Data Logging

The app allows you to set custom upper and lower thresholds for both temperature and humidity. If the readings exceed these preset values, an alert notification will be sent to your smartphone. The app also stores historical data, which can be viewed as dynamic graphs and exported for analysis.

Real-Time Update & Free App Alerts & History Records

Upper/Lower Temperature or humidity Alarm



Image: App interface demonstrating real-time updates, alert notifications, and historical alarm records.

Distails Display



Image: App settings for configuring temperature and humidity alert thresholds and accessing device logs.

5.4. Home Automation Integration

Utilize the Tuya Smart/Smart Life app's smart scene function to create automated actions. For example, you can set a condition where a smart fan turns on if the temperature reaches a certain limit, or a dehumidifier activates when humidity exceeds a specified level. This requires other compatible smart devices.



Smart Linkage Function

DIY different smart automation/tap to run scene

Image: Illustration of smart linkage capabilities, showing the device controlling other smart appliances.



Image: App interface displaying an example of an intelligent linkage automation rule.

5.5. Voice Control

The device is compatible with Amazon Alexa and Google Home. Once integrated, you can use voice commands to inquire about the current temperature and humidity. For example, "Alexa, what is the living room temperature?" or "Google, what is the living room humidity?"

VOICE CONTROL

Real time temperature and humidity information can be learned through voice at any time



Image: The device integrated with voice assistants for hands-free monitoring.

5.6. LED Backlight Control

The 3.2-inch LED display features a backlight for clear visibility in various lighting conditions. The backlight can be turned on or off, and its timing can be scheduled, all through the settings in the Tuya Smart/Smart Life app.



Image: App settings for controlling the LED display backlight.

5.7. Sharing Function

The device can be shared with family members through the Smart Life app, allowing multiple users to monitor and control the sensor collaboratively.

Sharing Function

Sharing the Wi-Fi Temperature & Humidity Sensor with family members by Smart Life app to control together.

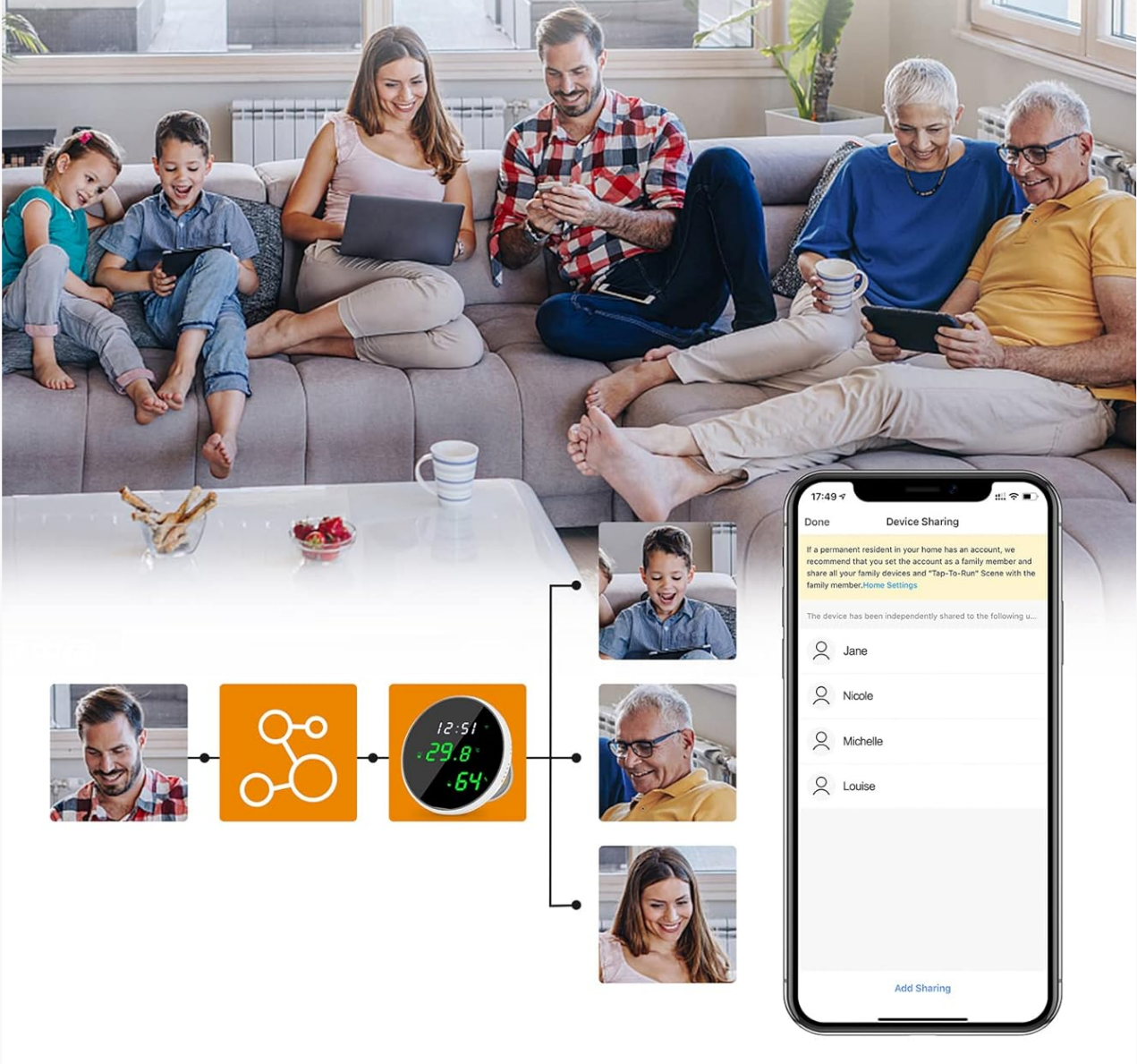


Image: Illustration of the device sharing feature within the app.

5.8. Temperature/Humidity Calibration

The app provides an option for manual temperature and humidity calibration, allowing you to adjust readings for improved accuracy if needed.



Image: App interface for manual temperature calibration.

6. CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your device, follow these simple care instructions:

- **Cleaning:** Wipe the device clean with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these can damage the display or internal components.
- **Placement:** Place the device in a location away from direct sunlight, heat sources, or drafts, which can affect the accuracy of temperature and humidity readings.
- **Power:** Ensure the device remains plugged in with the USB cable for continuous operation.

7. COMMON ISSUES AND SOLUTIONS

If you encounter any issues with your device, please refer to the following troubleshooting guide:

7.1. Device Not Powering On

- Ensure the USB cable is securely connected to both the device and a working USB power source.
- Try using a different USB cable or power adapter to rule out a faulty accessory.

7.2. Cannot Connect to Wi-Fi

- Verify that your Wi-Fi network is 2.4GHz. The device does not support 5GHz networks.
- Ensure your Wi-Fi password is entered correctly in the app.
- Move the device closer to your Wi-Fi router to improve signal strength.
- Restart your Wi-Fi router and the device, then attempt pairing again.
- Confirm that the device is in pairing mode (Wi-Fi indicator blinking rapidly).

7.3. Inaccurate Readings

- Ensure the device is placed in a stable environment, away from direct sunlight, heating/cooling vents, or open windows.
- Allow the device to stabilize for at least 30 minutes after initial setup or relocation.
- Use the in-app calibration function to adjust temperature and humidity readings if you have a reference device.

7.4. App Alerts Not Working

- Check your app settings to ensure alert thresholds are correctly configured.
- Verify that push notifications are enabled for the Tuya Smart/Smart Life app in your phone's system settings.
- Ensure the device has a stable Wi-Fi connection.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	Smart temperature and humidity sensor
Brand	Gaoducash
Connectivity Technology	Wi-Fi (2.4GHz only)
Display Type	LED Backlit Display
Temperature Accuracy	±0.1°C
Humidity Accuracy	±5%RH
Power Source	USB Cable (continuous power required)
Outer Material	Acrylonitrile Butadiene Styrene (ABS)
Color	Black
Dimensions	3.86 x 3.46 x 0.94 inches (approximate)
Special Feature	High Accuracy
Compatibility	Tuya Smart / Smart Life App, Amazon Alexa, Google Home

9. WARRANTY AND CUSTOMER SUPPORT

9.1. Warranty Information

Gaoducash offers a 24-month warranty for this home temperature monitor from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

9.2. Customer Support

For any questions, technical assistance, or warranty claims, please contact the seller or Gaoducash customer support through the platform where the product was purchased. Please have your purchase details and model number ready when contacting support.