

GoveeLife H5151, H5110

GoveeLife H5151/H5110 WiFi Hygrometer Thermometer with Gateway and Mini Sensors User Manual

Model: H5151 (Gateway), H5110 (Sensors)

INTRODUCTION

The GoveeLife WiFi Hygrometer Thermometer system provides accurate temperature and humidity monitoring for various indoor environments. This system includes a WiFi Gateway and multiple mini sensors, allowing for remote monitoring and data tracking via the Govee Home app. It is designed for applications such as wine cellars, bedrooms, basements, greenhouses, and more.

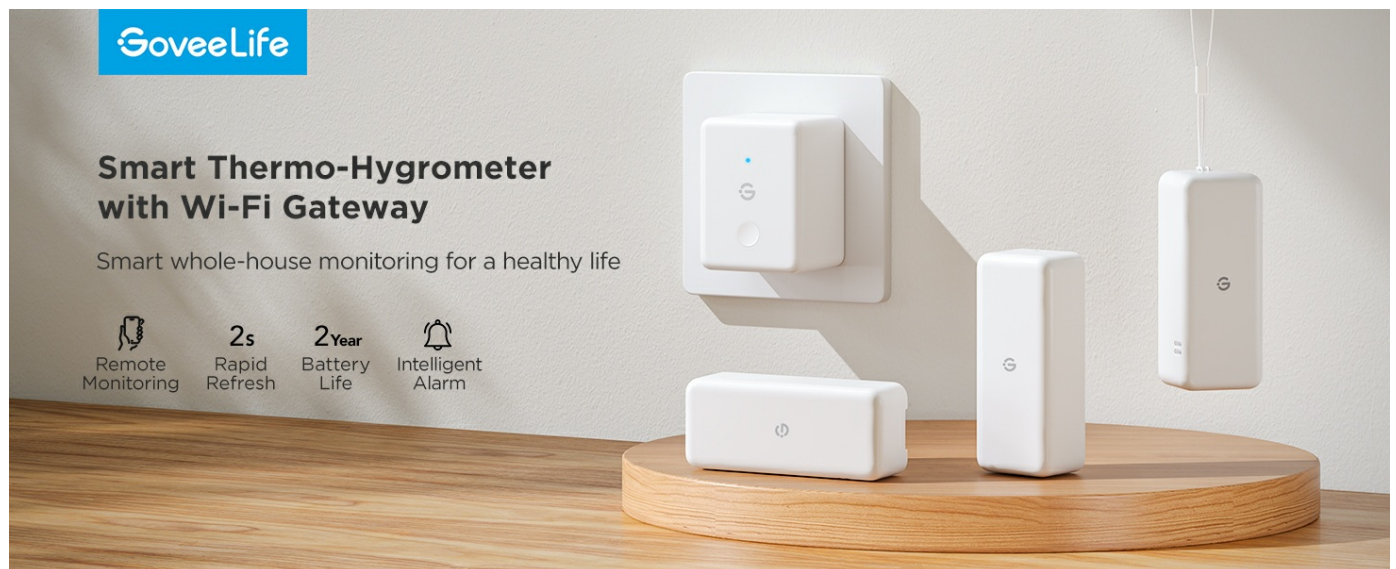


Image: Overview of the GoveeLife Smart Thermo-Hygrometer with Wi-Fi Gateway and sensors.

WHAT'S IN THE BOX

- Wi-Fi Gateway x 1
- Thermo-Hygrometers x 3
- AAA Batteries x 6

- Lanyards x 3
- User Manual x 1

SETUP INSTRUCTIONS

1. Govee Home App Installation

Download the Govee Home app from the App Store (iOS) or Google Play (Android). Create an account or log in if you already have one.

2. Gateway Connection

1. Plug the Wi-Fi Gateway into a standard wall outlet.
2. Open the Govee Home app and tap the "+" icon in the top right corner to add a new device.
3. Search for the gateway model "H5151" within the app.
4. Follow the in-app instructions to connect the gateway to your 2.4GHz Wi-Fi network and complete the pairing process.

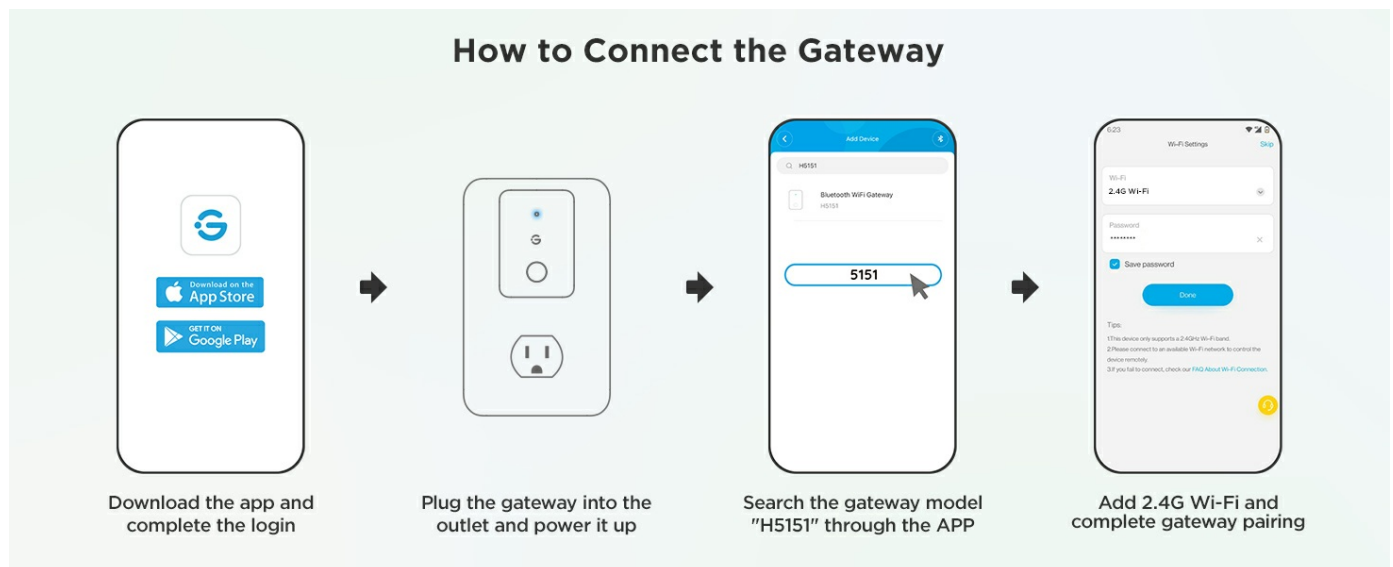


Image: Step-by-step guide for connecting the GoveeLife Wi-Fi Gateway.

Your browser does not support the video tag.

Video: Official GoveeLife guide on setting up the Thermo Hygrometer with Wi-Fi Gateway.

3. Sensor Connection

1. Insert the provided AAA batteries into each Thermo-Hygrometer sensor.
2. Open the Govee Home app, navigate to the "Device" page, and tap the "+" icon.
3. Search for the sensor model "H5110".
4. Once the sensors appear, select them to add them to your gateway. The sensors will then be connected to the gateway.

How to Connect Sensors

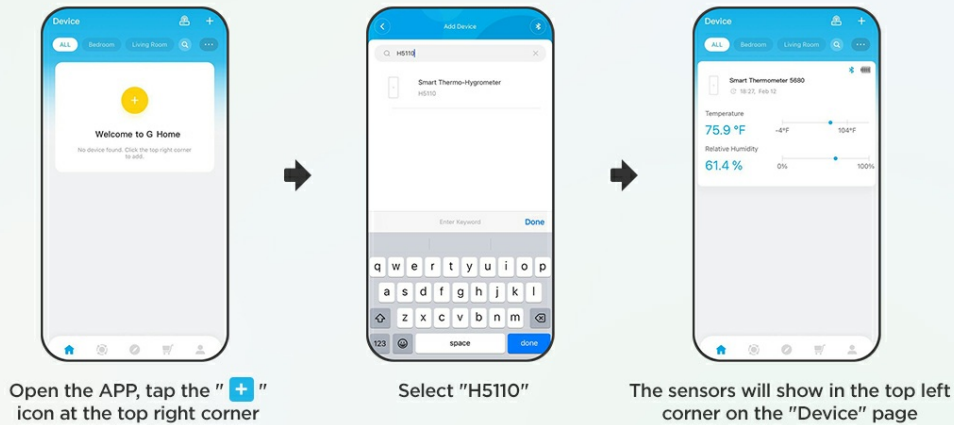


Image: Instructions for connecting the GoveeLife sensors to the app.

How to Add Sensors to the Gateway?

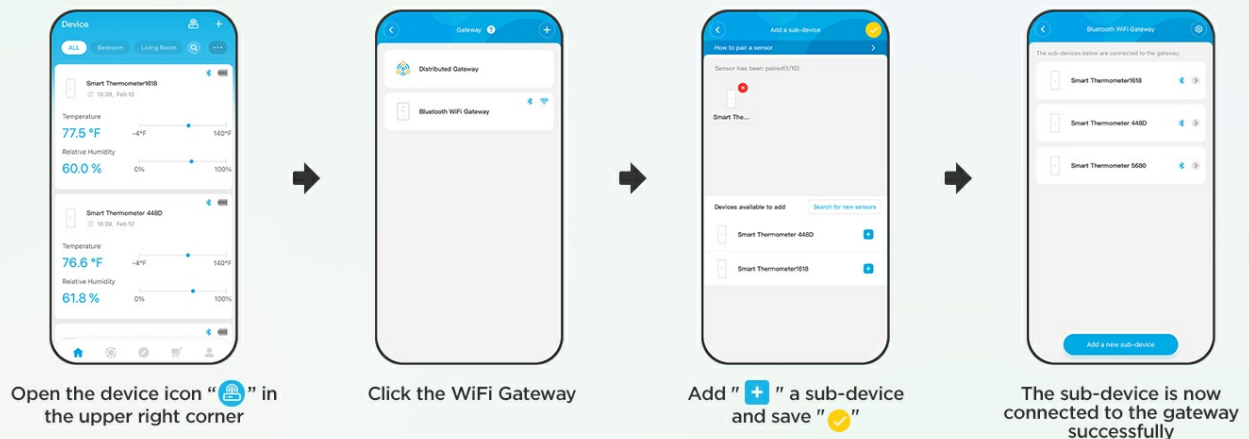


Image: Guide on adding the sensors as sub-devices to the Wi-Fi Gateway.

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Video: Official GoveeLife instructions for connecting the H5110 Bluetooth Thermo Hygrometer.

OPERATING INSTRUCTIONS

Remote Monitoring

Once connected to the Wi-Fi Gateway, you can monitor temperature and humidity data from your sensors anytime, anywhere via the Govee Home app. The gateway supports pairing up to 10 humidity temperature sensors for comprehensive whole-house monitoring.

Remote Intelligent Monitoring

By connecting to a gateway,
it can be monitored regardless of distance



Image: Illustration of remote monitoring capabilities through the Govee Home app.

Whole House Monitoring

One gateway can connect up to 10 sensors



Image: Diagram showing how one gateway can connect up to 10 sensors for whole-house monitoring.

High-Precision Measurement

The sensors provide precise readings, measuring temperatures with an accuracy of $\pm 0.54^{\circ}\text{F}$ / $\pm 0.3^{\circ}\text{C}$ and humidity within $\pm 3\%$ RH. Data is refreshed every 2 seconds.

High-Precision Measurement

Measure temperatures with $\pm 0.54^{\circ}\text{F}$ / $\pm 0.3^{\circ}\text{C}$ accuracy and humidity within $\pm 3\%$ RH. Data is refreshed every 2s

2^s Sampling Interval **$\pm 0.54^{\circ}\text{F}$** Temp Accuracy **3%** Humidity Accuracy

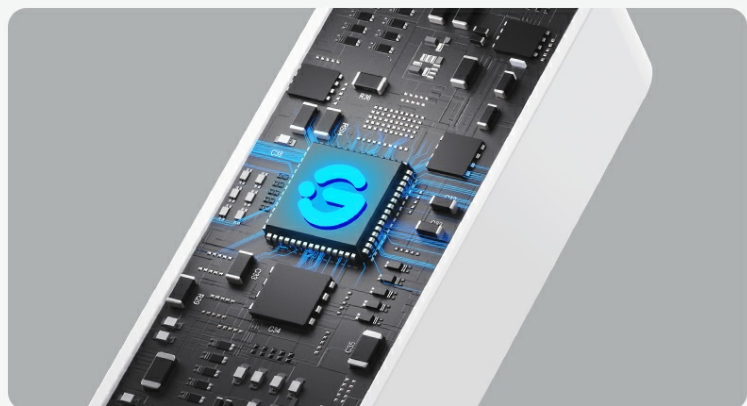


Image: Visual representation of the high-precision measurement capabilities of the sensors.

Real-time Alerts

You can preset temperature and humidity thresholds via the Govee Home app. If the sensor detects a reading outside these preset values, you will receive notifications via the app and email, allowing for timely intervention.

Real-time Alerts

Reminds you of temperature and humidity changes via APP and emails



Image: Example of real-time alerts for temperature and humidity changes.

Data Storage & Export

The humidity monitor uploads data to the app via Wi-Fi and Bluetooth. You can view trend charts for temperature and humidity from the past 20 days and export data for up to 2 years. This feature is useful for long-term monitoring and analysis.

Data Track and Export

View trends for the past 20 days and export data for the past 2 years

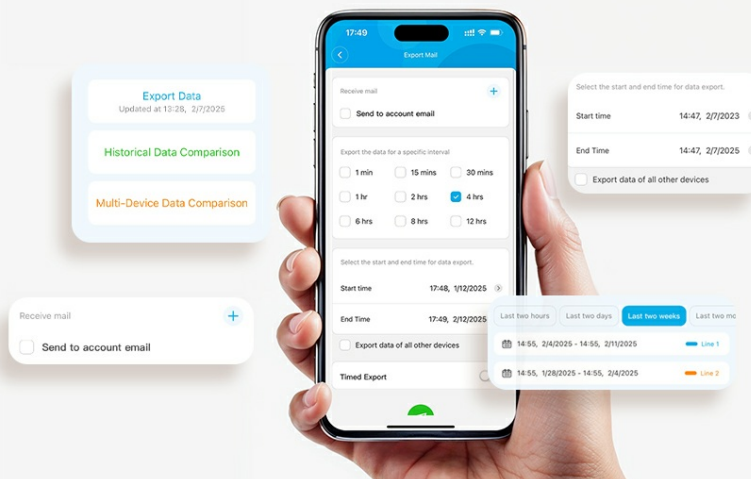


Image: Interface showing data tracking and export options within the Govee Home app.

MAINTENANCE

Battery Life

The sensors are powered by 2 AAA batteries and boast a battery life of up to 2 years, reducing the frequency of battery replacements.

Long-Lasting Battery Life

It can operate for up to 2 years with just 2 AAA batteries, which means you don't have to worry about frequent battery replacements



Image: Illustration highlighting the 2-year battery life of the sensors.

Calibration

Each sensor includes a calibration function within the app settings, featuring a simple slider for temperature and humidity correction. This allows users to fine-tune readings if comparison with a known accurate device indicates a discrepancy.

TROUBLESHOOTING

- **Connectivity Issues:** Ensure your Wi-Fi Gateway is plugged in and connected to a 2.4GHz Wi-Fi network. Verify that your phone's Bluetooth is enabled when initially pairing sensors. If remote access fails, check your internet connection.
- **Inaccurate Readings:** Allow sensors to stabilize for a few hours after placement. If readings still seem incorrect, use the in-app calibration feature to adjust them based on a trusted reference thermometer/hygrometer.
- **App Notifications:** Check your app settings to ensure notifications are enabled for the Govee Home app and that alert thresholds are set correctly for each sensor. Also, verify email alert settings if applicable.
- **Battery Replacement:** If a sensor stops reporting data, check the battery level in the app or replace the AAA batteries.

For more detailed troubleshooting or specific error codes, please refer to the Govee Home app's help section or the official GoveeLife support resources.

SPECIFICATIONS

Feature	Detail
Brand	GoveeLife
Model (Gateway)	H5151
Model (Sensors)	H5110
Color	White
Number of Items	3 Sensors + 1 Gateway
Temperature Accuracy	$\pm 0.54^{\circ}\text{F}$ / $\pm 0.3^{\circ}\text{C}$
Humidity Accuracy	$\pm 3\%$ RH

Feature	Detail
Data Refresh Rate	Every 2 seconds
Battery Type	AAA (2 per sensor)
Battery Life	Up to 2 years
Wi-Fi Support	2.4GHz only
Gateway Sensor Capacity	Up to 10 sensors
GTIN	810127738560

WARRANTY AND SUPPORT

GoveeLife products typically come with a standard manufacturer's warranty. For specific warranty details, return policies, or technical support, please refer to the documentation included with your product or visit the official GoveeLife website. You can also find support resources within the Govee Home app.

For additional assistance, please contact GoveeLife customer service through their official channels.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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.

Submit question