

[Manuals.plus](#) /

> [Inkbird](#) /

> INKBIRD WiFi Thermometer Hygrometer, Temperature and Humidity Sensor with Weather Station, 9-in-1 IBS-TH5 with Electronic Ink Display, 2 Years Free Data Storage Export, Remote Monitor for Room

Inkbird IBS-TH5

INKBIRD WiFi Thermometer Hygrometer User Manual

Model: IBS-TH5

Brand: Inkbird

PRODUCT OVERVIEW

The INKBIRD IBS-TH5 is a versatile WiFi Thermometer Hygrometer designed for monitoring temperature and humidity. Beyond basic readings, it functions as a weather station, displaying time, date, and week, along with weather forecasts and environmental assessments for health considerations. Its large 3.71-inch electronic ink display offers high contrast and a wide viewing angle for easy readability.

Equipped with a high-precision Swiss-made Sensirion sensor, the device refreshes data every 2 seconds, ensuring accurate measurements. It supports remote monitoring via a 2.4GHz WiFi connection, allowing users to view temperature and humidity data anytime, anywhere through the INKBIRD app. The app also provides free data storage and export for up to 2 years. The built-in 2000mAh rechargeable battery offers an impressive battery life of up to 12 months on a full charge, making it convenient and environmentally friendly for various indoor environments such as bedrooms, wine cellars, and basements.

WHAT'S IN THE BOX

- WiFi Thermometer
- User manual
- USB-C Charging Cable

SETUP GUIDE

1. Powering On

Locate the ON/OFF switch on the back of the device and slide it to the 'ON' position. The electronic ink display will activate.

2. App Download and Pairing

Download the INKBIRD app from your smartphone's app store (available on iOS and Android). Once installed,

open the app and follow the on-screen instructions to add your IBS-TH5 device. You may need to press and hold the top button on the device for 5 seconds to enter pairing mode, as indicated on the display.



The INKBIRD IBS-TH5 device shown alongside its companion mobile application, illustrating the remote monitoring capabilities.

3. Wi-Fi Connection

The device connects to a 2.4GHz Wi-Fi network. Ensure your smartphone is connected to a 2.4GHz network during the pairing process. The app will guide you through entering your Wi-Fi credentials to establish the connection. A stable Wi-Fi connection is crucial for real-time data updates and remote monitoring.



Visual guide for connecting the IBS-TH5 to your 2.4GHz Wi-Fi network using the INKBIRD app.

4. Alexa Integration

The IBS-TH5 can be integrated with Amazon Alexa for voice control and inquiries about temperature and humidity. Follow the instructions in the INKBIRD app to link your device to your Alexa account. Once linked, you can ask Alexa for real-time readings.

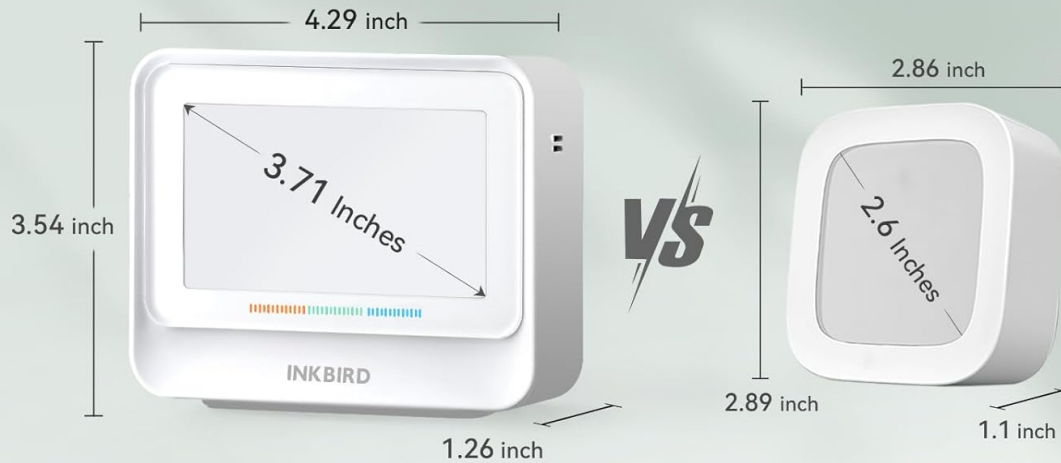
Official video guide on connecting the IBS-TH5 to Amazon Alexa for voice commands regarding temperature and humidity.

OPERATING INSTRUCTIONS

1. Reading the Display

The large electronic ink display shows current temperature and humidity readings prominently. It also displays the current time, date, and day of the week. Weather icons indicate current conditions (e.g., sunny, cloudy, rainy), and a comfort color bar provides a quick visual assessment of the environment's comfort level. An influenza risk indicator is also present.

Large & Easy to Read Display



Real-time Weather & Forecast	✓	✗
Time & Date	✓	✗
Temperature Accuracy	±0.36 °F	±0.54°F



The clear and large electronic ink display of the IBS-TH5, designed for easy reading of all environmental data.

2. Changing Temperature Units

On the back of the device, there is a small switch labeled '°C/°F'. Slide this switch to toggle between Celsius and Fahrenheit temperature units according to your preference.

3. App Monitoring and Features

The INKBIRD app provides comprehensive monitoring features. You can view historical temperature and humidity data, set high/low alarms, and customize comfort level plans (e.g., Home, Outdoors, Baby, Wine Cellar). The app allows for remote access to your device's data and settings, providing insights into environmental trends over time.

2 Years of Data Storage & Export

Store data in the cloud through a private account,
no need to worry about data leakage



The INKBIRD app interface displaying historical data and various monitoring options for the IBS-TH5.

MAINTENANCE

1. Battery Charging

The IBS-TH5 features a built-in 2000mAh rechargeable lithium battery. When the battery indicator on the display shows low power, connect the device using the provided USB-C cable to a compatible USB power source (e.g., computer, wall adapter). A full charge can last up to 12 months, depending on data upload frequency settings.

Built-in 2000mAh Rechargeable Lithium Battery

Can last **12 months** on a full charge

No need to buy extra batteries

Data upload frequency	Battery Life	Ambient Temperature	Alarm
10 min	2~3 months	20-25°C / 68-77°F	2 times/day
30 min	8~9 months	20-25°C / 68-77°F	2 times/day
60 min	12 months	20-25°C / 68-77°F	2 times/day

Note: The longer the data upload interval, the longer the battery life.

The IBS-TH5 can be easily recharged via its USB-C port, offering long-lasting operation.

2. Cleaning

To clean the device, gently wipe its surface with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these may damage the display or casing. Ensure the device is powered off before cleaning.

TROUBLESHOOTING

1. Connectivity Issues

If the device fails to connect to Wi-Fi or loses connection, ensure your router is broadcasting a 2.4GHz signal. Check that the device is within range of your Wi-Fi router. Restarting both the device and your router may resolve temporary connectivity problems. Refer to the app's troubleshooting section for more detailed guidance.

2. Inaccurate Readings

Ensure the device is placed in a location free from direct sunlight, drafts, or extreme temperature fluctuations, which can affect sensor accuracy. Allow the device sufficient time (e.g., 30 minutes) to stabilize after placement or power-on before taking critical readings.

SPECIFICATIONS

Feature	Detail
Model	IBS-TH5
Display Type	Electronic Ink Display (3.71 inches)
Connectivity	2.4GHz WiFi
Temperature Accuracy	$\pm 0.36^{\circ}\text{F}$ / $\pm 0.2^{\circ}\text{C}$
Humidity Accuracy	$\pm 1.8\% \text{RH}$
Battery	2000mAh Rechargeable Lithium Battery
Battery Life	Up to 12 months (depending on data upload frequency)
Data Storage	Up to 2 years (cloud storage)
Mounting Type	Tabletop

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official INKBIRD website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.