

## Inkbird ITH-13-B

# Inkbird ITH-13-B Temperature Hygrometer Monitor User Manual

## 1. INTRODUCTION

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Thank you for choosing the Inkbird ITH-13-B Temperature Hygrometer Monitor. This device provides accurate real-time temperature and humidity readings, offering smart monitoring capabilities via Bluetooth and a dedicated mobile application. It is designed for various indoor environments such as nurseries, greenhouses, wine cellars, and living spaces.

# Up To 300 Days Offline Data Storage

2 Years of Historical Data Storage & Export



The Inkbird ITH-13-B monitor is suitable for a variety of applications, including monitoring conditions in homes, reptile terrariums, incubators, wine cellars, for musical instruments, and for storing herbs.

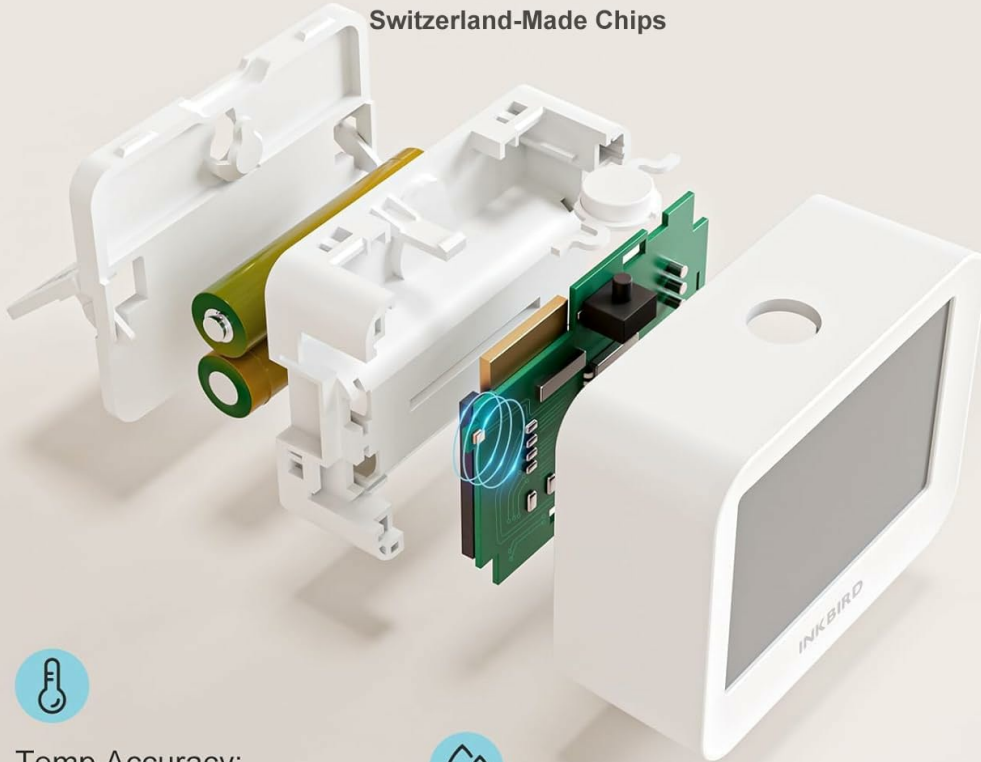
## 2. PRODUCT FEATURES

- **High-Precision Swiss-made Sensirion Sensors:** Provides temperature readings accurate to  $\pm 0.2^{\circ}\text{C}$  ( $\pm 0.36^{\circ}\text{F}$ ) and humidity readings within  $\pm 2\%$ . Data is sampled every 3 seconds for real-time monitoring.
- **Revolutionary Bluetooth 5.0 Technology:** Offers a stable connection up to 230 feet (70 meters) without obstructions.
- **Data Storage and Export:** Stores up to 300 days of offline temperature and humidity data. Users can access and export up to 2 years of historical data via the mobile application.
- **Ultra-Long Battery Life:** Operates for over 8 months with the included 2 AA batteries.
- **Compact Design with Large Display:** Features a clear LCD screen and offers two installation options: desktop placement and wall hanging.
- **Smart App Control:** Allows users to set parameters for VPD and dew point, receive instant notifications for temperature and humidity shifts, and access detailed data history.

# The Most Accurate Readings



Switzerland-Made Chips



Temp Accuracy:  
 $\pm 0.2^{\circ}\text{C}$  ( $\pm 0.36^{\circ}\text{F}$ )

Temp Range:  
 $-20^{\circ}\text{C}$ ~ $60^{\circ}\text{C}$ / $-4^{\circ}\text{F}$ ~ $140^{\circ}\text{F}$



Humidity Accuracy:  $\pm 2\%$  (non-condensing)

Humidity Range: 0%RH-99%RH

Internal view of the Inkbird ITH-13-B, showcasing the Swiss-made Sensirion sensors responsible for its high accuracy.

## 3. PACKAGE CONTENTS

- 1 x Inkbird ITH-13-B Temperature Hygrometer Monitor
- 2 x AA Batteries
- 1 x User Manual

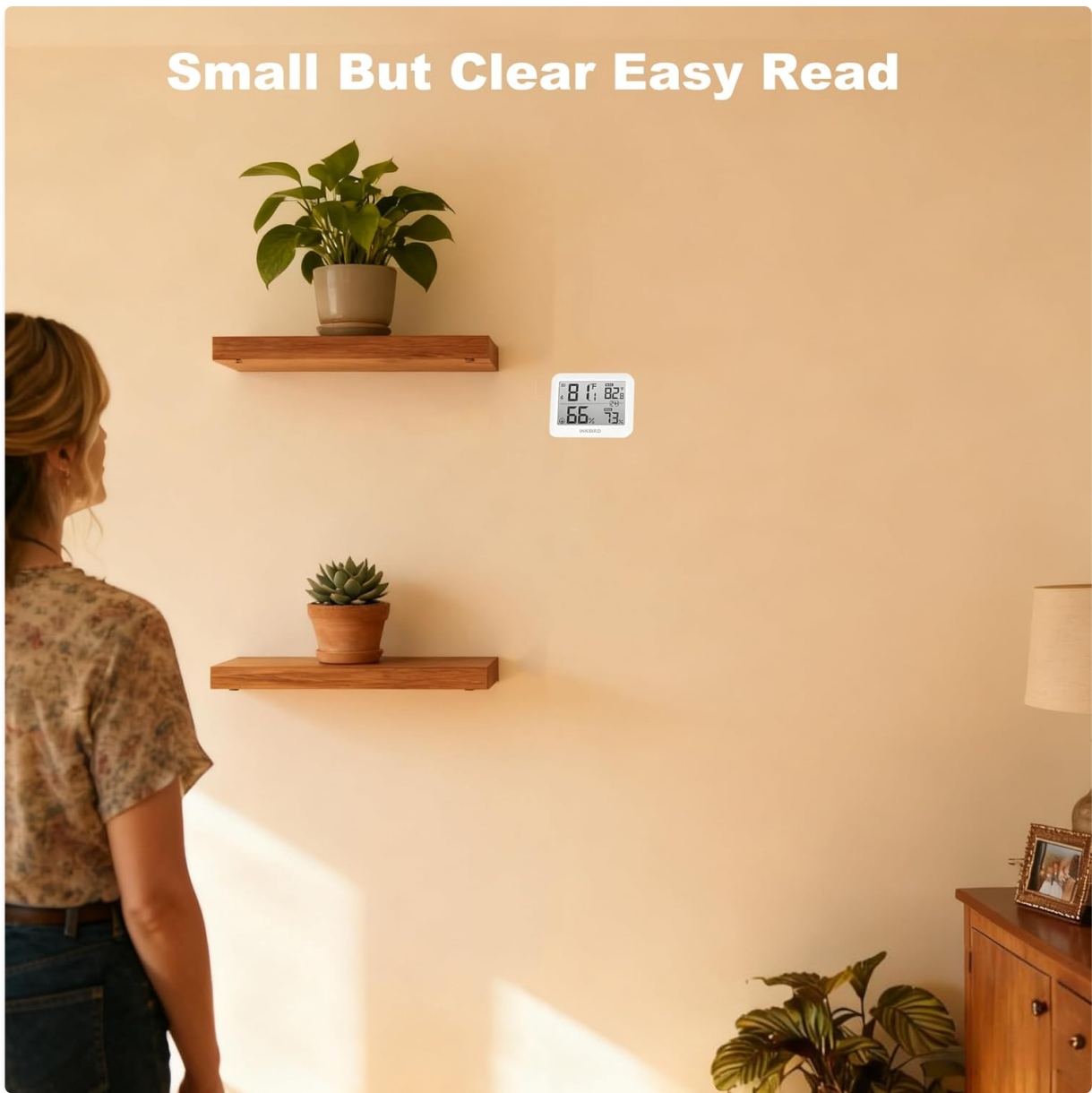
## 4. DEVICE OVERVIEW

The Inkbird ITH-13-B is a compact, white rectangular device featuring a clear LCD screen that displays temperature and humidity. It includes a button on the top for unit switching and a foldable stand/hook on the back for versatile placement.



The Inkbird ITH-13-B monitor with its clear LCD display showing current temperature and humidity.

## Small But Clear Easy Read



The compact design of the Inkbird ITH-13-B allows for easy placement and clear readability.

## 5. SETUP

### 5.1 Battery Installation

1. Open the battery compartment cover located on the back of the device.
2. Insert the 2 AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

# Battery-free for 8 months



Illustration of battery installation, highlighting the long battery life of over 8 months.

## 5.2 App Download and Pairing

1. Download the "INKBIRD" app from the App Store (iOS) or Google Play Store (Android).
2. Enable Bluetooth on your smartphone.
3. Open the INKBIRD app and follow the on-screen instructions to add your device. The monitor should automatically connect via Bluetooth.

## 6. OPERATING INSTRUCTIONS

### 6.1 Display Readings

The LCD screen displays current temperature and humidity. It also shows maximum and minimum values recorded over a 24-hour period.

### 6.2 Switching Temperature Units

Press the button located on the top of the device to toggle between Celsius (°C) and Fahrenheit (°F).

### 6.3 App Functions

- **Real-time Data:** View live temperature and humidity readings on your smartphone.

- **Historical Data:** Access and analyze up to 2 years of historical data, with offline storage for 300 days.
- **Custom Comfort Levels:** Set personalized temperature and humidity ranges within the app.
- **Real-time Alerts:** Receive instant notifications on your smartphone if temperature or humidity levels exceed your preset ranges.
- **Data Export:** Export historical data for detailed analysis.

# 1 Phone Digital Your Place

## Hygrometer Thermometer



The Inkbird app allows remote monitoring of multiple devices, displaying real-time temperature and humidity.

# ITH-13-B Bluetooth Thermometer Hygrometer

-  Bluetooth App Control
-  Swiss Precision Sensor
-  Comfort Level Indicator
-  8+ Months Battery Life
-  Offline Data Storage
-  Diagram & Data Export

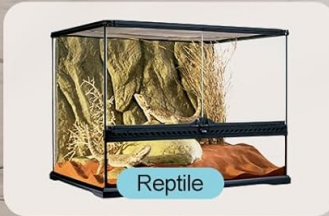


The device supports up to 300 days of offline data storage and 2 years of historical data export via the app.

# For Anything That Needs Good Care



Family



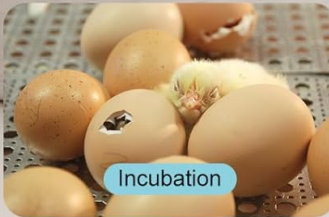
Reptile



Wine Cellar



Musical Instruments



Incubation



Herbs

The Air Comfort Level Indicator on the display and in the app helps you maintain optimal indoor air quality.

## 7. MAINTENANCE

### 7.1 Battery Replacement

Replace the AA batteries when the low battery indicator appears on the device display or within the INKBIRD app to ensure continuous operation.

### 7.2 Cleaning

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

## 8. TROUBLESHOOTING

- **No Display:** Check if the batteries are correctly installed and have sufficient charge. Replace batteries if necessary.
- **Inaccurate Readings:** Ensure the device is placed away from direct sunlight, heat sources, air conditioners, or extreme drafts. Allow the device to stabilize for at least 30 minutes after placement.
- **Bluetooth Connectivity Issues:**

- Verify that Bluetooth is enabled on your smartphone.
  - Ensure the device is within the 230-foot (70-meter) Bluetooth range without significant physical obstructions.
  - Restart the INKBIRD app or your smartphone.
  - Attempt to re-pair the device within the INKBIRD app.
- **App Not Receiving Data:** Confirm a stable Bluetooth connection. Check that the INKBIRD app has all necessary permissions enabled on your smartphone.

## 9. SPECIFICATIONS

<b>Brand</b>	Inkbird
<b>Model</b>	ITH-13-B
<b>Temperature Accuracy</b>	±0.2°C (±0.36°F)
<b>Humidity Accuracy</b>	±2% (non-condensing)
<b>Temperature Range</b>	-20°C to 60°C (-4°F to 140°F)
<b>Humidity Range</b>	0%RH-99%RH
<b>Data Sampling Interval</b>	Every 3 seconds
<b>Bluetooth Version</b>	5.0
<b>Bluetooth Range</b>	Up to 230 feet (70 meters) without obstructions
<b>Battery Type</b>	2 x AA batteries
<b>Battery Life</b>	Over 8 months
<b>Offline Data Storage</b>	Up to 300 days
<b>Historical Data Storage (App)</b>	Up to 2 years

## 10. WARRANTY INFORMATION

Inkbird products typically come with a standard manufacturer's warranty. For specific warranty terms, conditions, and duration, please refer to the official Inkbird website or contact their customer support directly. Keep your purchase receipt as proof of purchase for warranty claims.

## 11. SUPPORT

For further assistance, technical support, or product inquiries, please visit the official Inkbird website or contact their customer service team through the contact information provided on their website or in the INKBIRD app.