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ThermoPro TP351

ThermoPro TP351 Bluetooth Hygrometer Thermometer Instruction Manual

Your guide to accurate temperature and humidity monitoring.

INTRODUCTION

The ThermoPro TP351 Bluetooth Hygrometer Thermometer is designed to provide precise temperature and humidity readings for various indoor environments. With its advanced sensor and Bluetooth connectivity, you can monitor conditions remotely via a dedicated smartphone application. This manual will guide you through the setup, operation, and maintenance of your device.

Key Features:

- Easy Bluetooth Connection:** Features advanced auto-connection technology for effortless pairing with your smart device.
- More Accurate Sensor:** Equipped with an NTC humidity sensor, offering high precision ($\pm 0.5^{\circ}\text{F}$ and $\pm 2\%$ RH) and a fast 10-second refresh rate.
- 260FT Remote Range:** Monitor temperature and humidity levels from up to 260 feet away on your smart device.
- 2-Year Data Storage & Export:** Stores up to 2 years of data, easily exportable for analysis, ideal for long-term environmental monitoring.
- Feature-Rich App:** Includes temperature and humidity alerts, comfort index, online 1-year data chart tracking, data export, and a battery indicator.
- Compact & Portable:** Designed for easy placement with a hanging loop, suitable for various scenarios like cigar humidors, greenhouses, RVs, and camping.

SETUP

1. Battery Installation

The ThermoPro TP351 requires 4 AAA batteries (included). To install them:

1. Locate the battery compartment on the back of the device.
2. Open the battery cover.
3. Insert the 4 AAA batteries, ensuring correct polarity (+ and -).

4. Close the battery cover securely.

ULTRA-LOW POWER CONSUMPTION



2*AAA Batteries Included

Image: The ThermoPro TP351 device with its battery compartment open, showing where to insert the AAA batteries.

2. App Download and Device Pairing

To utilize the remote monitoring features, download the ThermoPro app and pair your device:

1. Download the 'ThermoPro' app from your smartphone's app store (available for iOS and Android).
2. Ensure Bluetooth is enabled on your smartphone.
3. Open the ThermoPro app. The device should automatically connect. If not, follow the in-app instructions to add a new device.



Image: The ThermoPro TP351 device shown alongside a smartphone, illustrating the app's interface for monitoring temperature and humidity.

3. Device Placement

The compact design and integrated hanging loop allow for flexible placement:

- Place the device on a tabletop or shelf.
- Hang it using the integrated loop in areas like greenhouses, cigar humidors, or storage rooms.
- Ensure the device is placed in an area where it can accurately measure the ambient temperature and humidity, away from direct heat sources or extreme drafts.

COMPACT AND PORTABLE



Image: A visual representation of the ThermoPro TP351's small size, showing it held in a hand, hanging on a wall, and being placed into a bag, highlighting its portability and versatile placement options.

OPERATING INSTRUCTIONS

1. Monitoring Temperature and Humidity

Once paired, the ThermoPro app provides real-time data:

- Open the ThermoPro app on your smartphone.
- The main screen will display current temperature and humidity readings from your TP351 device.
- The app refreshes data every 10 seconds for up-to-date information.

SMART BLUETOOTH MONITOR

One-click connection, no registration required

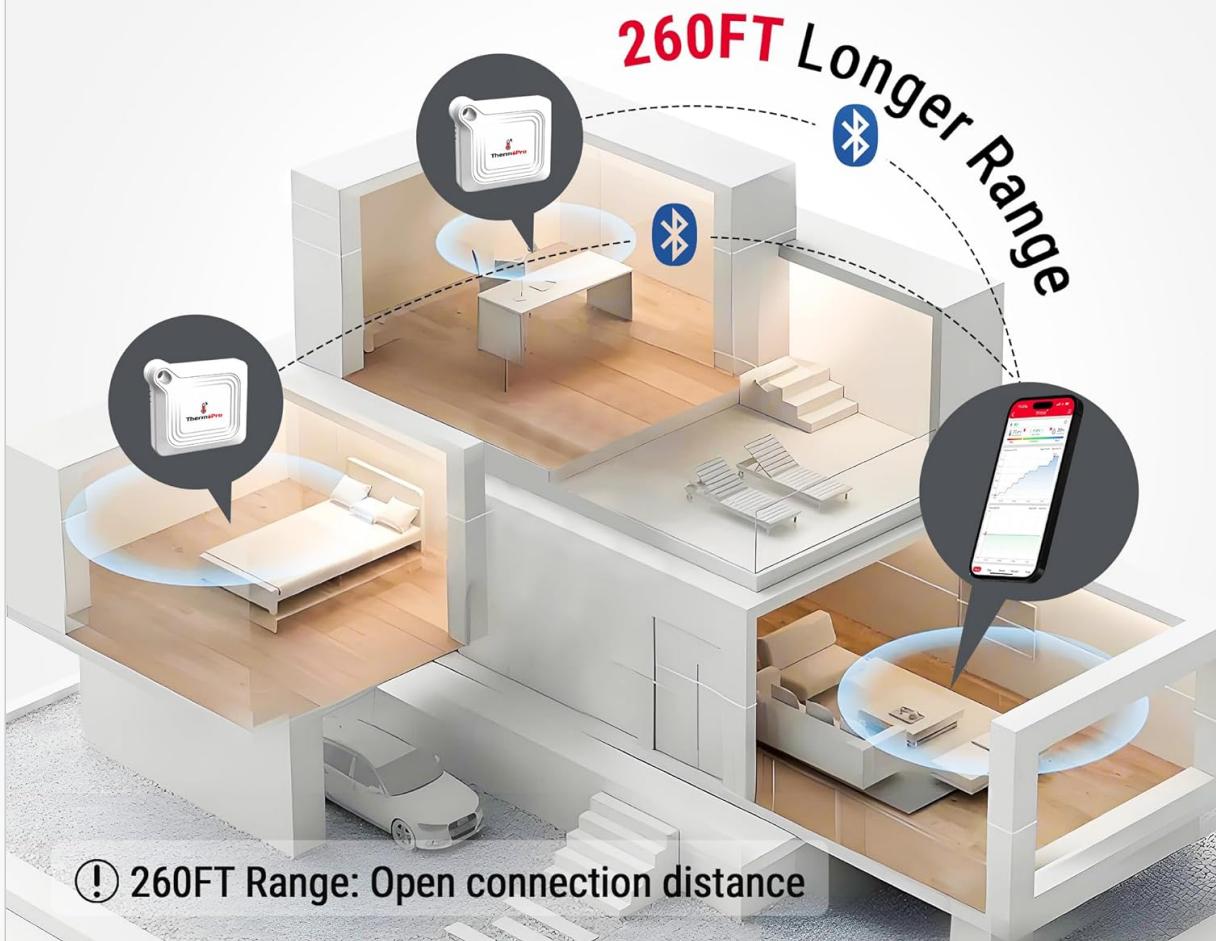


Image: A diagram illustrating the 260-foot Bluetooth range of the ThermoPro TP351, showing how it can monitor conditions from various locations within a home or office.

2. Data Logging and Export

The app automatically records and stores data:

- Access the historical data section within the app to view temperature and humidity trends over time (hourly, daily, weekly, monthly, yearly).
- The device stores up to 2 years of data.
- Use the export function in the app to download data for further analysis.

2-YEAR-DATA STORAGE & EXPORT

More suitable for incubators, greenhouses, etc.



Image: A visual demonstrating the ThermoPro app's capability to store and export up to two years of temperature and humidity data, with a laptop showing the exported data in a spreadsheet format.

3. Setting Alerts

Configure custom alerts for specific conditions:

- Navigate to the 'Alerts' section in the app.
- Set your desired high and low temperature and humidity thresholds.
- The app will send notifications to your smartphone if readings fall outside these set ranges.

HIGH AND LOW TEMP ALERT

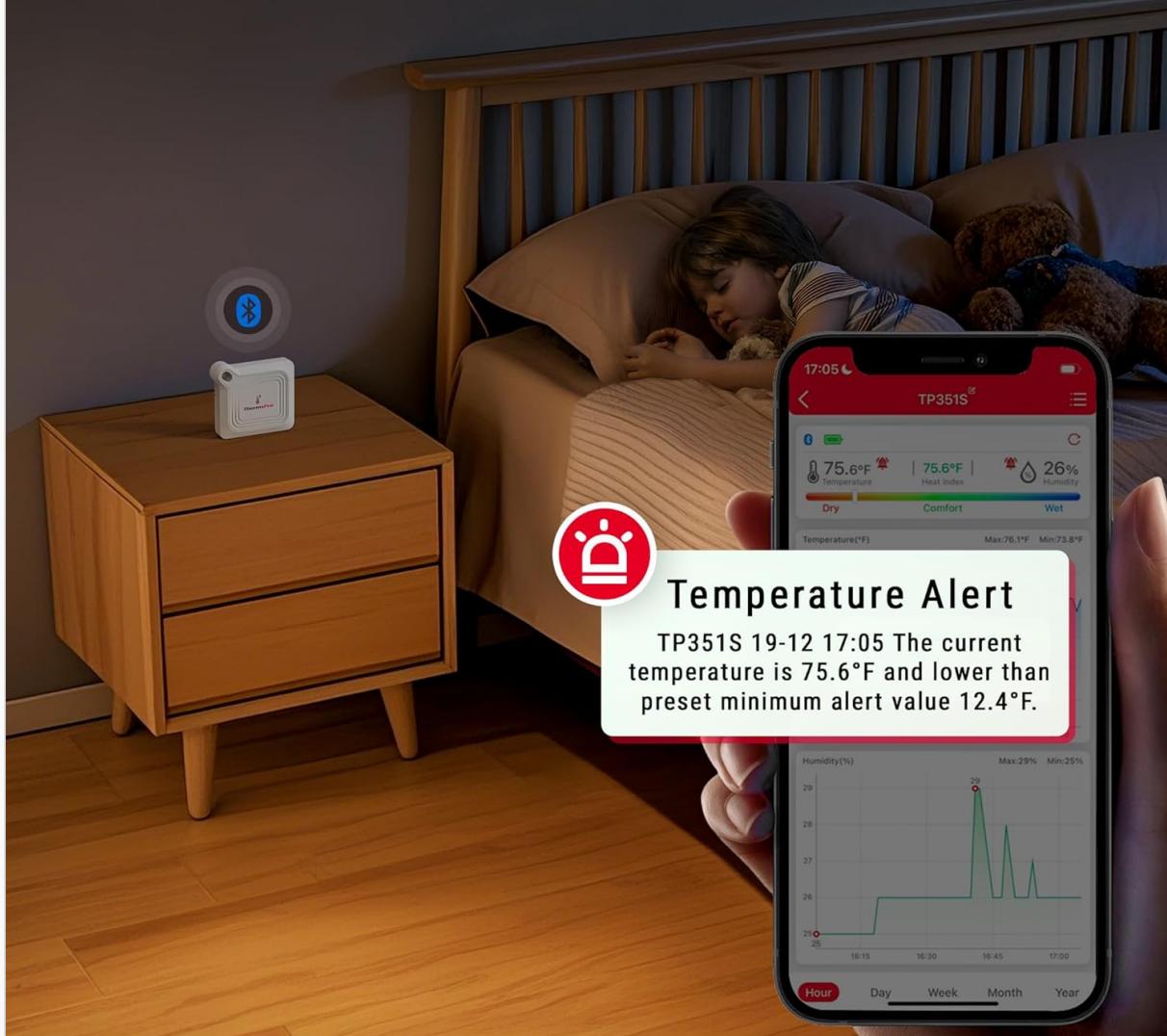


Image: A smartphone screen showing a 'Temperature Alert' notification from the ThermoPro app, indicating that the temperature has fallen below a preset minimum, with the device visible on a bedside table.

4. Comfort Index

The app provides a comfort index based on current conditions:

- The comfort index categorizes the environment as Dry, Comfort, or Wet based on humidity levels.
- This feature helps you maintain optimal living or storage conditions.

COMFORT INDICATOR ON APP

Track your surroundings in real-time

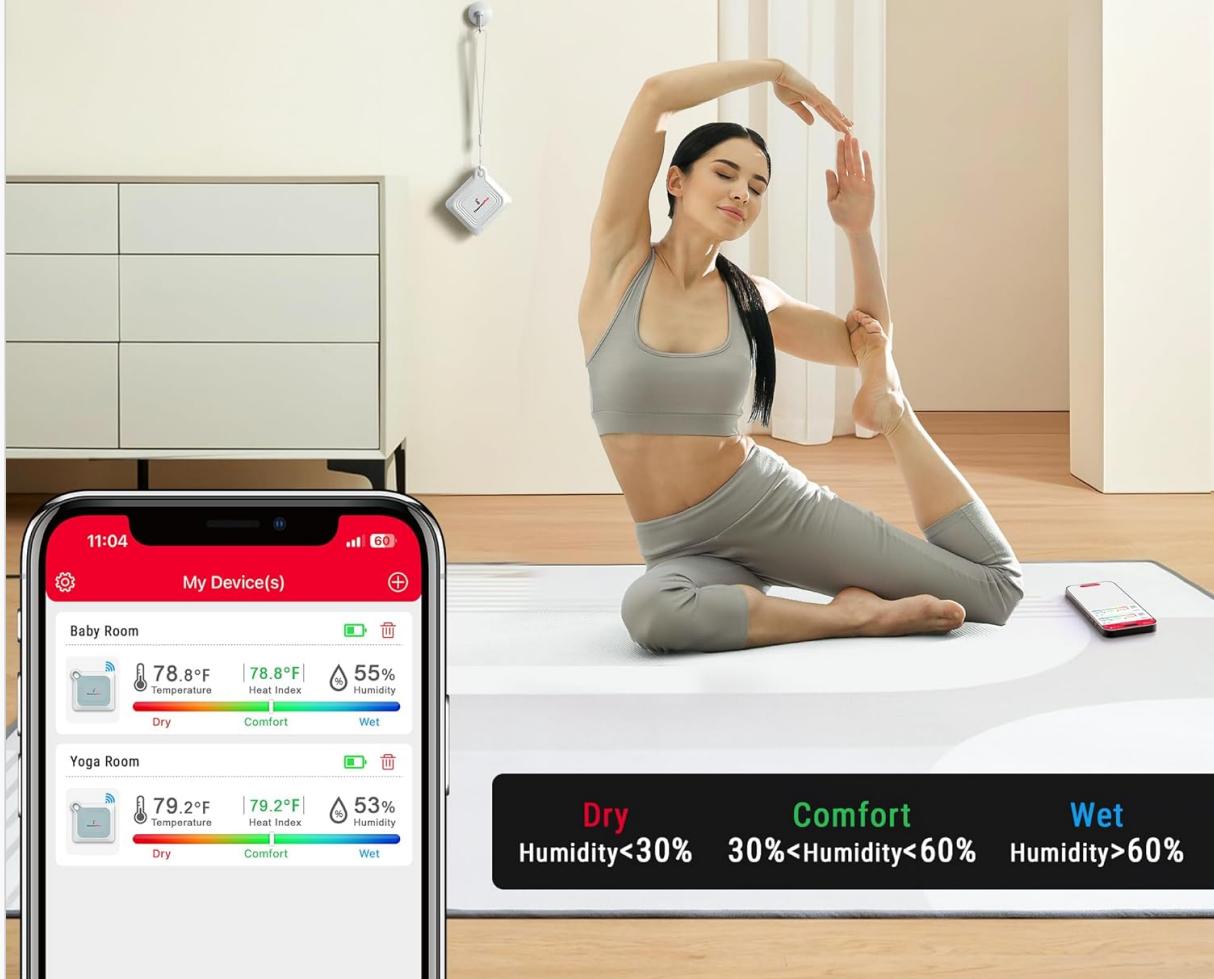


Image: The ThermoPro app interface showing a 'Comfort Indicator' that visually represents whether the environment is 'Dry' (Humidity < 30%), 'Comfort' (30% < Humidity < 60%), or 'Wet' (Humidity > 60%).

MAINTENANCE

1. Battery Replacement

When the battery indicator in the app shows low power, replace the batteries:

- Open the battery compartment on the back of the device.
- Remove the old AAA batteries.
- Insert new 4 AAA batteries, observing correct polarity.
- Close the battery cover.

2. Cleaning

To ensure accurate readings and prolong the device's lifespan:

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

TROUBLESHOOTING

1. Device Not Connecting to App

- Ensure Bluetooth is enabled on your smartphone.
- Check if the device has sufficient battery power. Replace batteries if needed.
- Make sure the device is within the 260FT Bluetooth range. Obstacles like thick walls can reduce range.
- Restart the ThermoPro app and try connecting again.

2. Inaccurate Readings

- Ensure the device is not placed near direct heat sources (e.g., vents, sunlight) or in areas with extreme drafts.
- Allow the device to stabilize for at least 30 minutes after initial setup or relocation.
- Verify that the sensor vents are not obstructed.

3. Short Battery Life

- Ensure you are using fresh, high-quality AAA batteries.
- Extreme temperatures (very cold or very hot) can affect battery performance.

SPECIFICATIONS

Feature	Specification
Brand	ThermoPro
Model Number	TP351
Item Weight	0.1 Kilograms (3.52 ounces)
Battery Type	4 x AAA batteries (included)
Mounting Type	Tabletop
Upper Temperature Rating	140 Degrees Fahrenheit
Temperature Accuracy	0.28°C (from -1.7°C to 60°C), 0.5°C (otherwise)
Humidity Accuracy	±2% RH
Bluetooth Range	Up to 260 feet (open connection distance)
Data Storage	Up to 2 years

WARRANTY AND SUPPORT

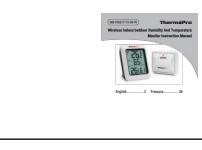
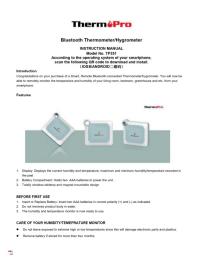
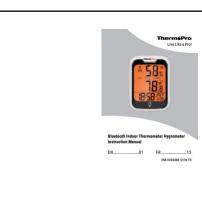
ThermoPro products are designed for reliability and performance. For warranty information, technical support, or any questions regarding your TP351 device, please visit the official ThermoPro website or

contact their customer service directly.

You can find more information and support at the [ThermoPro Store on Amazon](#).

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Related Documents - TP351

	<p>ThermoPro TP351 Bluetooth Thermometer & Hygrometer Quick Start Guide</p> <p>Get started with the ThermoPro TP351, a smart Bluetooth thermometer and hygrometer. Monitor temperature and humidity remotely via the ThermoPro Sensor app, view historical data, and set alerts. Includes specifications, usage instructions, warranty, and support.</p>
	<p>ThermoPro TP157 Indoor Humidity and Temperature Monitor Instruction Manual</p> <p>Comprehensive guide for the ThermoPro TP157 indoor hygrometer and thermometer, covering setup, features, specifications, care, disposal, and warranty information.</p>
	<p>ThermoPro TP60S Wireless Indoor/Outdoor Hygrometer Thermometer User Manual</p> <p>Comprehensive user manual for the ThermoPro TP60S wireless indoor/outdoor humidity and temperature monitor. Learn about setup, operation, features, specifications, and troubleshooting.</p>
	<p>ThermoPro TP351 Bluetooth Thermometer Hygrometer Instruction Manual</p> <p>The ThermoPro TP351 is a smart Bluetooth thermometer and hygrometer designed for remote monitoring of temperature and humidity in various indoor environments via a smartphone app. This instruction manual provides setup, operation, specifications, and warranty information.</p>
	<p>ThermoPro TP351 Bluetooth Thermometer/Hygrometer Instruction Manual</p> <p>The ThermoPro TP351 is a smart, remote Bluetooth-connected thermometer and hygrometer designed for monitoring temperature and humidity in various indoor environments like living rooms, bedrooms, and greenhouses. It allows users to remotely track conditions via a smartphone app, offering features like current, maximum, and minimum readings, and a compact, wireless design.</p>
	<p>ThermoPro TP358 Bluetooth Indoor Thermometer Hygrometer Instruction Manual</p> <p>Instruction manual for the ThermoPro TP358 Bluetooth Indoor Thermometer Hygrometer. Details device features, specifications, setup via Bluetooth connection, app usage, comfort level indicators, disposal guidelines, and customer support.</p>