

## ThermoPro TP351

# ThermoPro TP351 Bluetooth Thermometer Hygrometer User Manual

Model: TP351

Brand: ThermoPro

## 1. INTRODUCTION

The ThermoPro TP351 is a compact and portable Bluetooth thermometer hygrometer designed for accurate monitoring of temperature and humidity levels in various environments. With its advanced sensor and remote app control, you can easily track environmental conditions, receive alerts, and log data for up to two years. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your TP351 device.

## 2. PRODUCT FEATURES

- **Easy Bluetooth Connection:** Features advanced auto-connection technology, effortlessly pairing your smart device with this Bluetooth temperature monitor. Simply insert batteries, download the app, and connect.
- **More Accurate Sensor:** Equipped with an advanced NTC humidity sensor, this remote temperature monitor features high precision ( $\pm 0.5^{\circ}\text{F}$  and  $\pm 2\% \text{ RH}$ ) and fast refresh (10-second), providing accurate readings on your smartphone.
- **260FT Remote Range:** With a wider remote range up to 260 feet away, monitor temperature and humidity levels from anywhere in your home or office on your smart device without physical connections.
- **2-Year Data Logging & Export:** Store up to 2 years of data and easily export it for analysis, ideal for incubators, greenhouses, and other applications requiring long-term environmental monitoring.
- **Feature-Rich App:** The humidity meter room thermometer comes with a feature-rich app, including temperature and humidity alerts, comfort index, online 1-year data chart tracking, and a battery indicator.
- **Compact & Portable:** Designed to be compact and portable, with a hanging loop for easy placement anywhere in your home. Perfect for various scenarios, such as cigar humidors, guitar rooms, RVs, camping, and more.

### 3. PACKAGE CONTENTS

- 1 x ThermoPro TP351 Bluetooth Thermometer Hygrometer
- 2 x AAA Batteries
- 1 x User Manual

### 4. SETUP

#### 4.1. Battery Installation

1. Locate the battery compartment on the back of the TP351 device.
2. Open the battery cover.
3. Insert the two AAA batteries, ensuring correct polarity (+ and -).
4. Close the battery cover securely.

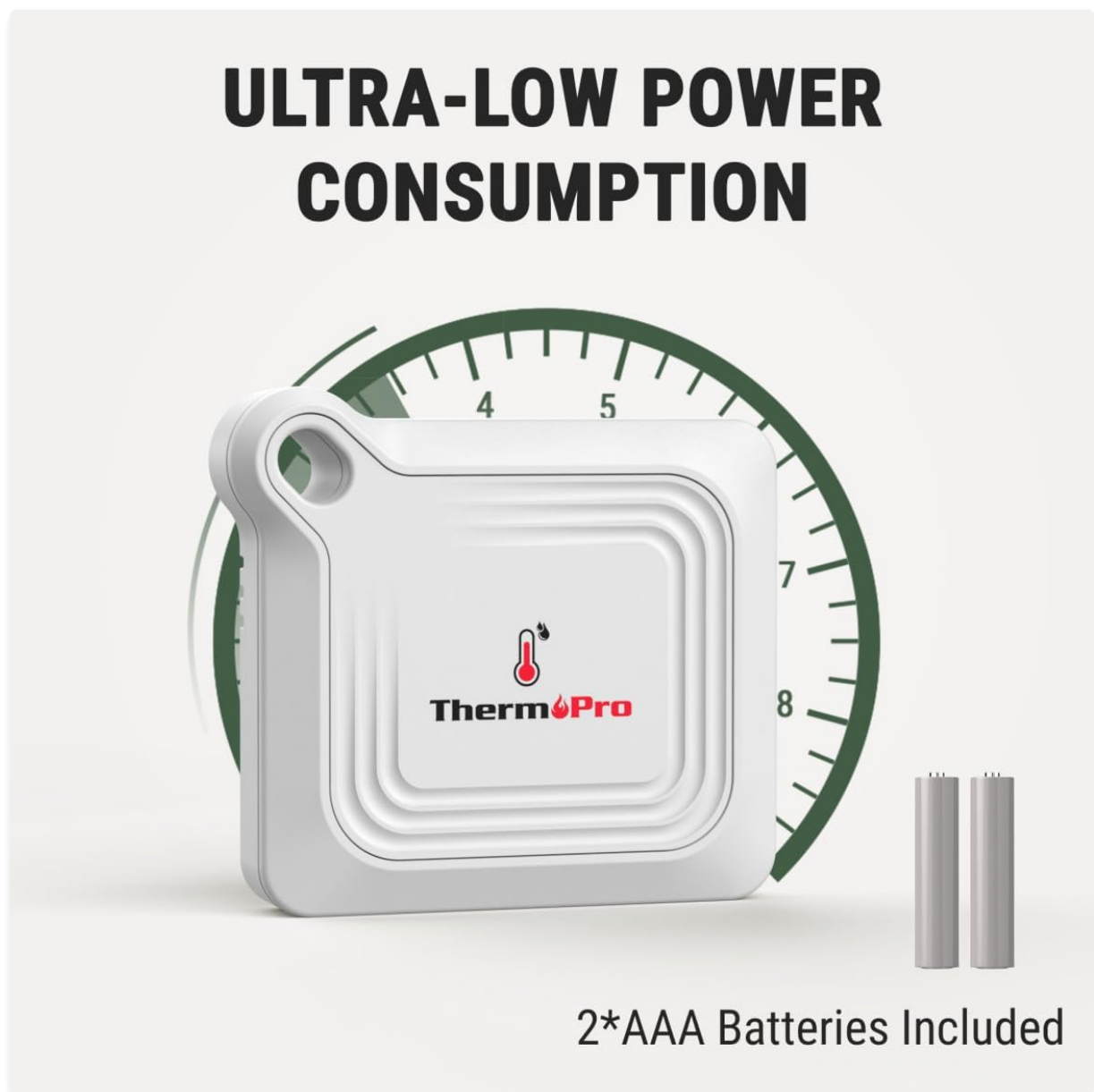


Figure 4.1: Battery installation for the ThermoPro TP351.

#### 4.2. App Download and Connection

1. Download the ThermoPro App from the App Store (iOS) or Google Play Store (Android).

2. Enable Bluetooth on your smartphone.
3. Open the ThermoPro App. The app will automatically search for and connect to your TP351 device. No manual pairing is required.
4. Once connected, the current temperature and humidity readings will display on the app interface.



Figure 4.2: ThermoPro TP351 device and app interface.

## 5. OPERATING INSTRUCTIONS

### 5.1. Real-time Monitoring

After successful connection, the ThermoPro App will display real-time temperature and humidity readings from your TP351 device. The app also provides a comfort index (Dry, Comfort, Wet) based on the humidity levels.

# SMART BLUETOOTH MONITOR

One-click connection, no registration required

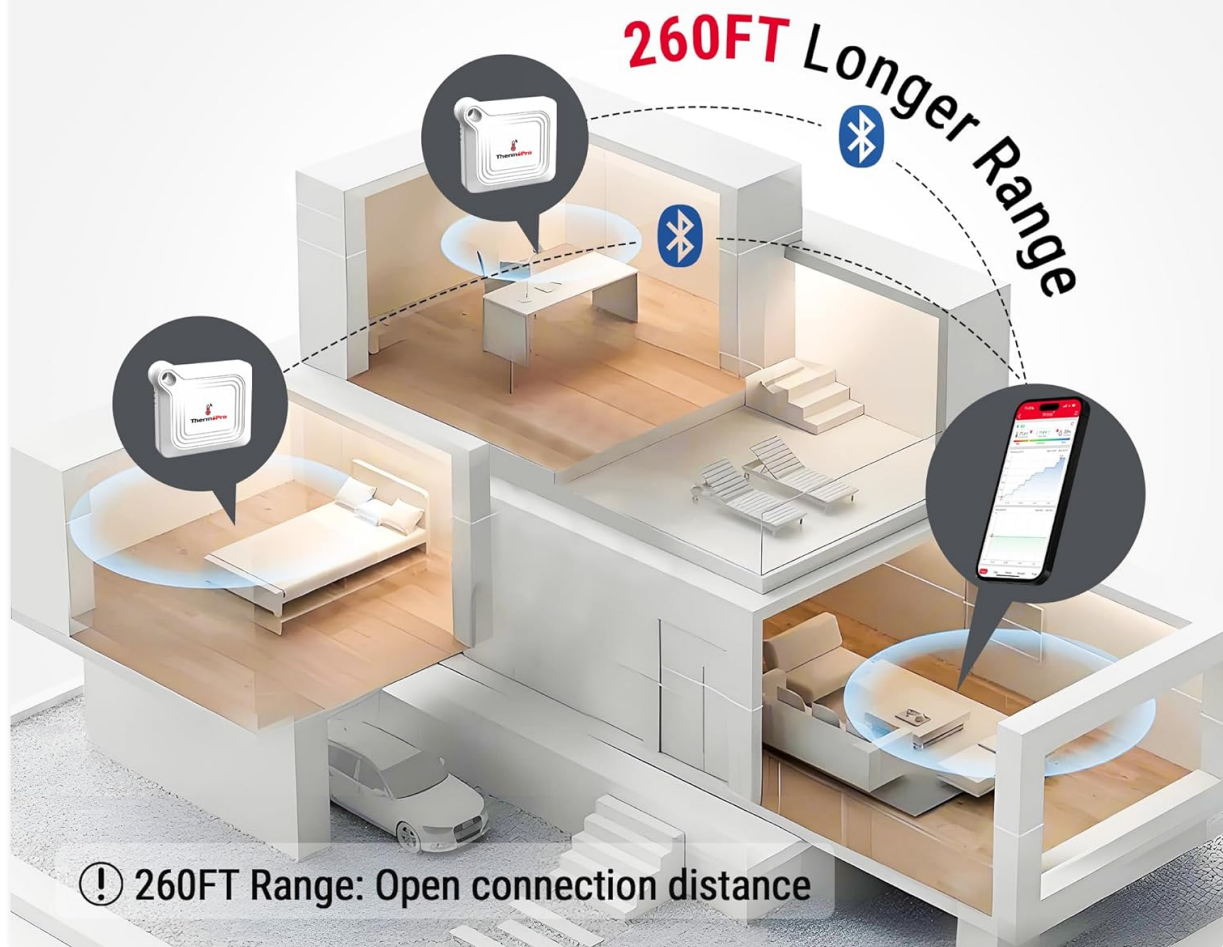


Figure 5.1: Bluetooth range for remote monitoring.

## 5.2. Setting Alerts

You can set custom high and low temperature/humidity alerts within the app. If the readings go outside your preset range, you will receive a notification on your smartphone.

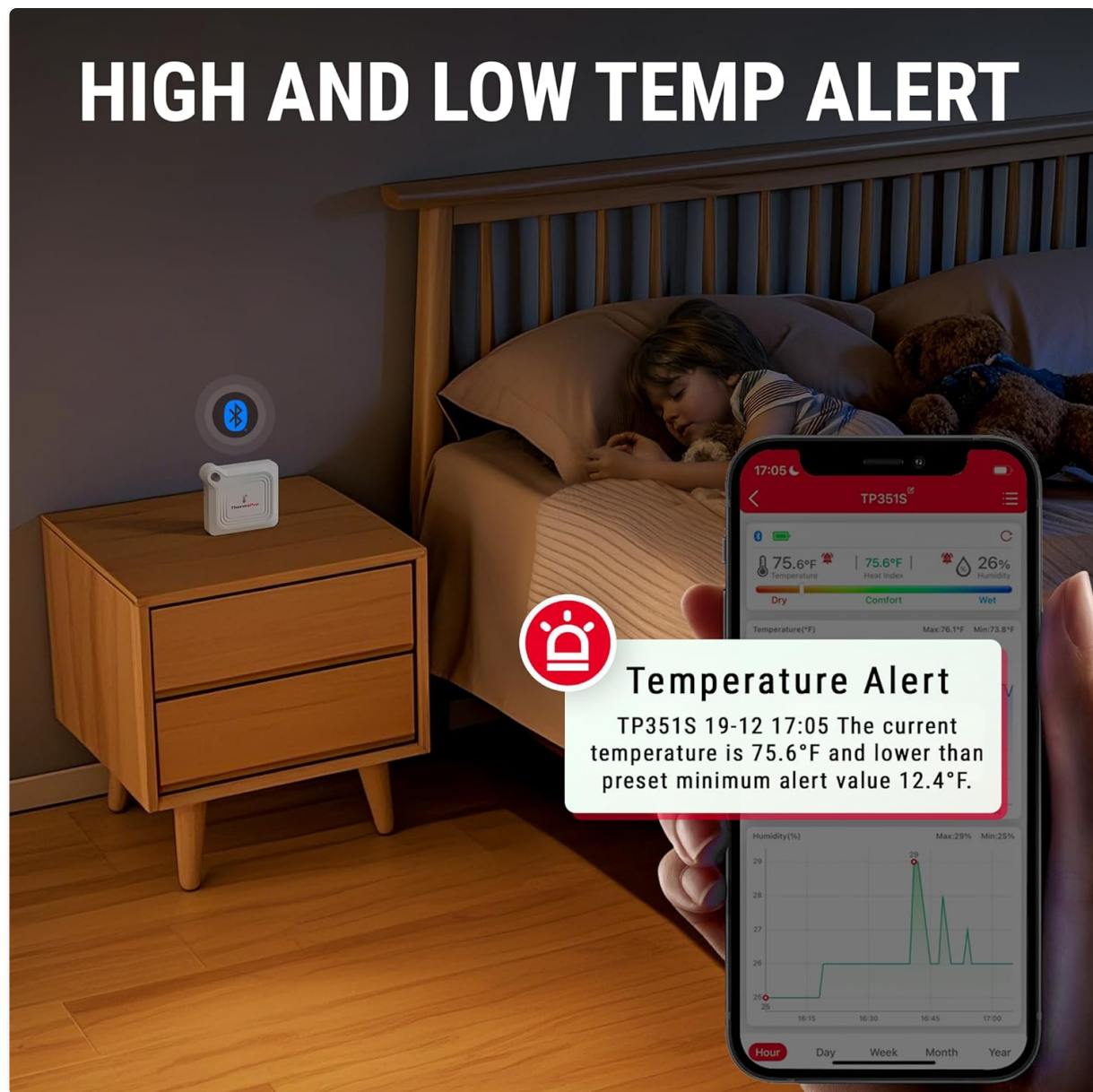


Figure 5.2: Temperature alert notification on the app.

### 5.3. Data Logging and Export

The TP351 automatically logs temperature and humidity data for up to two years. You can view historical data in hourly, daily, weekly, monthly, or yearly charts within the app. The data can also be exported for further analysis.



# 2-YEAR-DATA STORAGE & EXPORT

More suitable for incubators, greenhouses, etc.



Figure 5.3: Data logging and export feature.

## 5.4. Placement Options

The compact design and hanging loop allow for versatile placement of the TP351 in various environments, including bedrooms, greenhouses, wine cellars, RVs, or for outdoor activities like camping.

# COMPACT AND PORTABLE



Figure 5.4: Compact design and portability.



Figure 5.5: Multiple placement options for the TP351.

## 6. MAINTENANCE

### 6.1. Battery Replacement

When the battery indicator on the app shows low power, replace the two AAA batteries following the installation steps in Section 4.1. Ensure to use fresh batteries for optimal performance.

### 6.2. Cleaning

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

### 6.3. Storage

If storing the device for an extended period, remove the batteries to prevent leakage and damage. Store in a cool, dry place.

## 7. TROUBLESHOOTING

- Device not connecting to app:









- Ensure Bluetooth is enabled on your smartphone.
  - Make sure the device is within the 260FT Bluetooth range.
  - Check if the batteries are correctly installed and have sufficient power. Replace if necessary.
  - Restart the ThermoPro App and try reconnecting.
- **Inaccurate readings:**
    - Ensure the device is placed in a stable environment, away from direct sunlight, heat sources, or strong drafts.
    - Allow the device a few minutes to stabilize after placement.
  - **App notifications not working:**
    - Check your smartphone's notification settings for the ThermoPro App to ensure they are enabled.
    - Ensure the app is running in the background or foreground for real-time alerts.

## 8. SPECIFICATIONS

Attribute	Value
Brand	ThermoPro
Model Number	TP351
Battery Description	AAA
Mounting Type	Wall Mount
Upper Temperature Rating	140°F
Temperature Accuracy	±0.5°F
Humidity Accuracy	±2% RH
Item Weight	1.44 ounces
Package Dimensions	3.03 x 2.76 x 0.75 inches
Country of Origin	China

## 9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official ThermoPro website. You can also visit the [ThermoPro Store on Amazon](#) for additional resources and contact information.

	<p><a href="#">ThermoPro TP351 Bluetooth Thermometer &amp; Hygrometer Quick Start Guide</a></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><a href="#">ThermoPro TP351 Bluetooth Thermometer Hygrometer Instruction Manual</a></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><a href="#">ThermoPro TP351 Bluetooth Thermometer/Hygrometer Instruction Manual</a></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><a href="#">ThermoPro TP157 Indoor Humidity and Temperature Monitor Instruction Manual</a></p> <p>Comprehensive guide for the ThermoPro TP157 indoor hygrometer and thermometer, covering setup, features, specifications, care, disposal, and warranty information.</p>
	<p><a href="#">ThermoPro TP393 Bluetooth Indoor Thermometer &amp; Hygrometer User Manual</a></p> <p>Comprehensive guide to the ThermoPro TP393, a smart Bluetooth indoor thermometer and hygrometer. Covers features, specifications, app usage, setup, and warranty information.</p>
	<p><a href="#">ThermoPro TP60S Wireless Indoor/Outdoor Hygrometer Thermometer User Manual</a></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>