

ThermoPro TP359

ThermoPro TP359 Bluetooth Hygrometer Thermometer User Manual

Your guide to accurate temperature and humidity monitoring.

1. INTRODUCTION

The ThermoPro TP359 is an advanced Bluetooth hygrometer thermometer designed to provide highly accurate temperature and humidity readings for your indoor environment. Equipped with a Swiss-made Sensirion sensor, it offers exceptional precision, detecting even the slightest changes. Its 260ft/80m wireless range, powered by a 5.0 Bluetooth chip, allows for remote monitoring via a user-friendly smartphone application. The device features a large, backlit LCD for easy viewing and provides instant alerts when conditions exceed your preset ranges, making it ideal for various spaces like greenhouses, cellars, bedrooms, and more.

2. PACKAGE CONTENTS

- 1 x ThermoPro TP359 Bluetooth Hygrometer Thermometer
- 2 x AAA Batteries (included)
- 1 x User Manual

3. SETUP

3.1 Battery Installation

The ThermoPro TP359 requires two AAA batteries for operation. To install them:

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

3.2 Initial Placement

For optimal performance and accurate readings, place the ThermoPro TP359 in a central location within the area you wish to monitor. Avoid placing it:

- Directly in sunlight or near heat sources (e.g., radiators, ovens).
- Near air conditioning vents or humidifiers.
- In areas with extreme vibrations or electromagnetic interference.

3.3 App Download and Pairing

The ThermoPro TP359 connects to your smartphone via Bluetooth for remote monitoring and data logging. Follow these steps to download the app and pair your device:

1. Scan the QR code provided in the manual or search for "ThermoPro Sensor" in the Apple App Store or Google Play Store to download the app.
2. Ensure Bluetooth is enabled on your smartphone.
3. Open the ThermoPro Sensor app. The app will automatically search for and connect to your TP359 device.
4. Once connected, the Bluetooth icon on the device's LCD will stop flashing and remain solid.

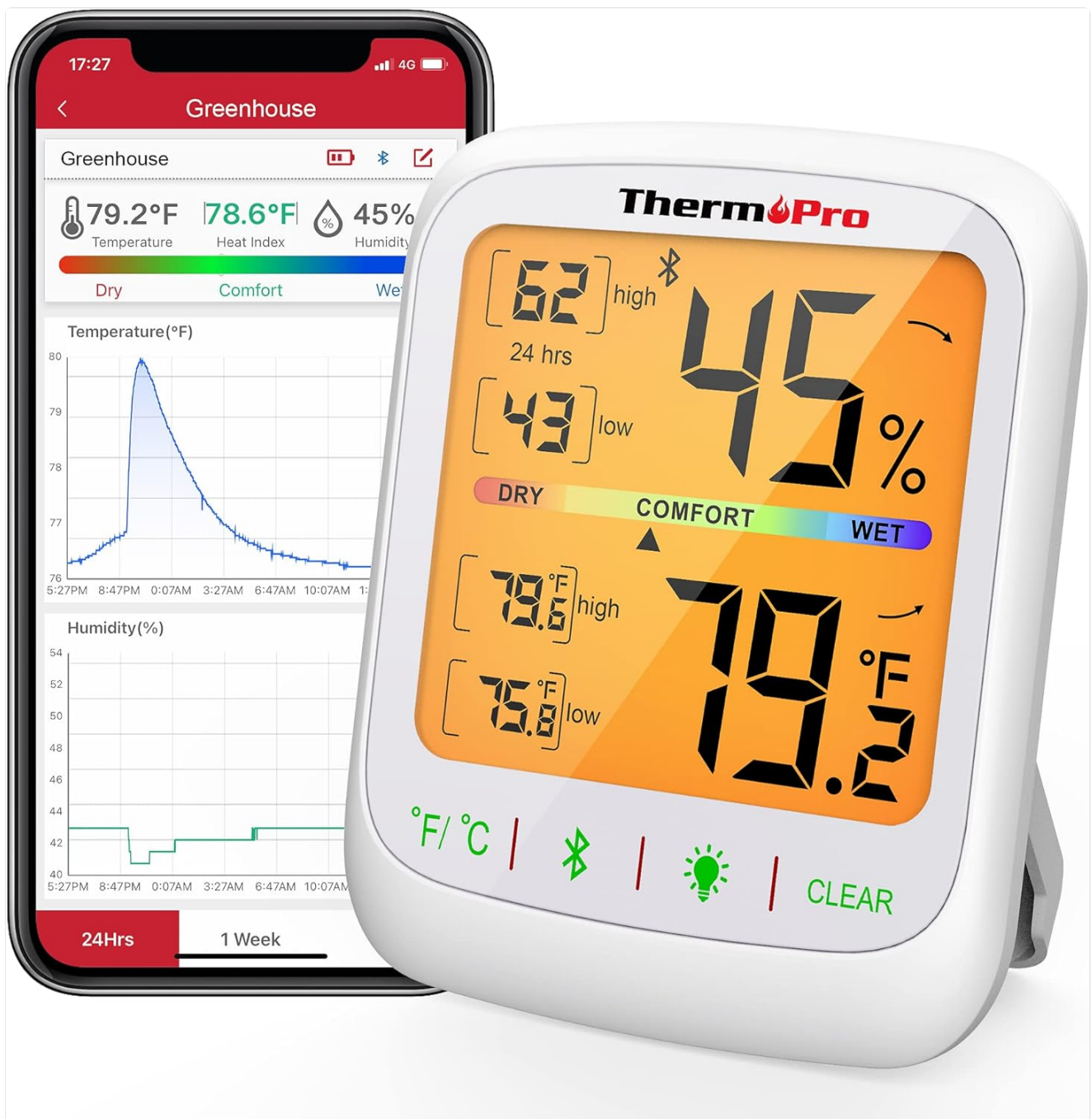


Image: The ThermoPro TP359 device displaying current temperature and humidity, shown next to a smartphone running the ThermoPro Sensor app, which visualizes the data.

260ft/80m Bluetooth Remote Range



Certified by Official Bluetooth SIG

Up to 10 Bluetooth Sensors



Image: Illustration of the ThermoPro TP359's 260ft/80m Bluetooth remote range, demonstrating how the device can transmit data to a smartphone from various locations within a home.

4. OPERATING INSTRUCTIONS

4.1 Display Overview

The large LCD screen of the TP359 provides real-time information at a glance:

- **Current Temperature:** Displays the current temperature in Fahrenheit or Celsius.
- **Current Humidity:** Shows the current relative humidity percentage.
- **24-Hour High/Low:** Indicates the highest and lowest temperature and humidity recorded over the past 24 hours.
- **Comfort Level Indicator:** A colored bar (DRY, COMFORT, WET) visually represents the current humidity level.
- **Bluetooth Icon:** Indicates the Bluetooth connection status.

Comfort Indicator DRY/COMFORT/WET Air Conditions

High & Low Records for Last 24 Hours

DRY < 30%

30% < COMFORT < 60%

WET > 60%

DRY

COMFORT

WET

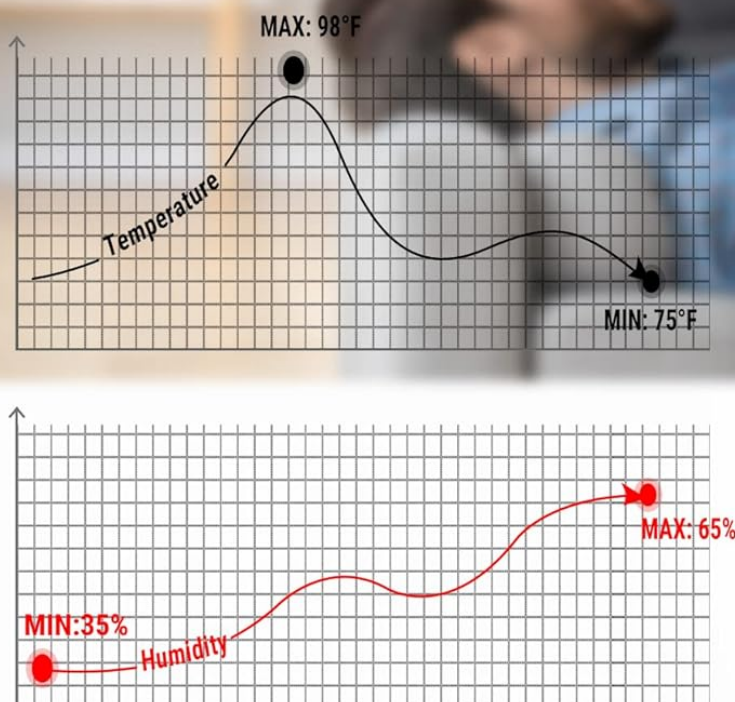


Image: The ThermoPro TP359's display showing temperature, humidity, 24-hour high/low records, and the comfort level indicator bar.

4.2 Unit Conversion (°F/°C)

To switch between Fahrenheit (°F) and Celsius (°C), press the °F/°C button located on the front of the device.

4.3 Backlight Function

Press the light bulb icon button on the front of the device to activate the backlight for improved visibility in low-light conditions. The backlight will automatically turn off after a short period to conserve battery life.

4.4 Max/Min Records

The device automatically records the highest and lowest temperature and humidity readings over a 24-hour period. These values are displayed on the LCD. To clear these records, press and hold the "CLEAR" button on the front of the device.

4.5 App Features

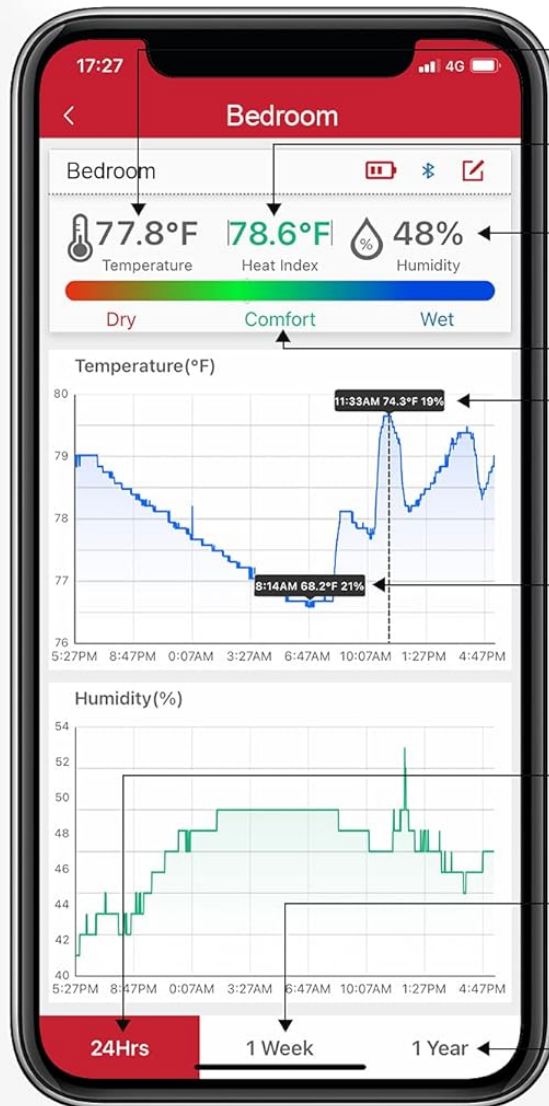
The ThermoPro Sensor app enhances your monitoring experience with several key features:

- **Real-time Data:** View live temperature and humidity readings directly on your smartphone.
- **Historical Graphs:** Access dynamic graphs showing temperature and humidity trends over 24 hours, 1 week, or up to 1 year. This allows for detailed analysis of environmental changes.
- **Instant Alerts:** Set custom high and low temperature/humidity thresholds. If readings exceed these presets, the app will send an immediate push notification to your smartphone, allowing for timely intervention.
- **Multiple Sensor Support:** Monitor up to 10 ThermoPro Bluetooth sensors simultaneously within the app, ideal for tracking conditions in different rooms or areas.

Multifunctional Smart APP



ThermoPro Sensor



Current Temperature

Heat Index

Current Humidity

Comfort Level

Max Temperature

Min Temperature

24Hrs

1Week

1 Year Temperature And
Humidity Graph

Image: Screenshots of the ThermoPro Sensor app, illustrating its various functions including real-time data display, historical graphs, and alarm settings.

2-Year-Data Export

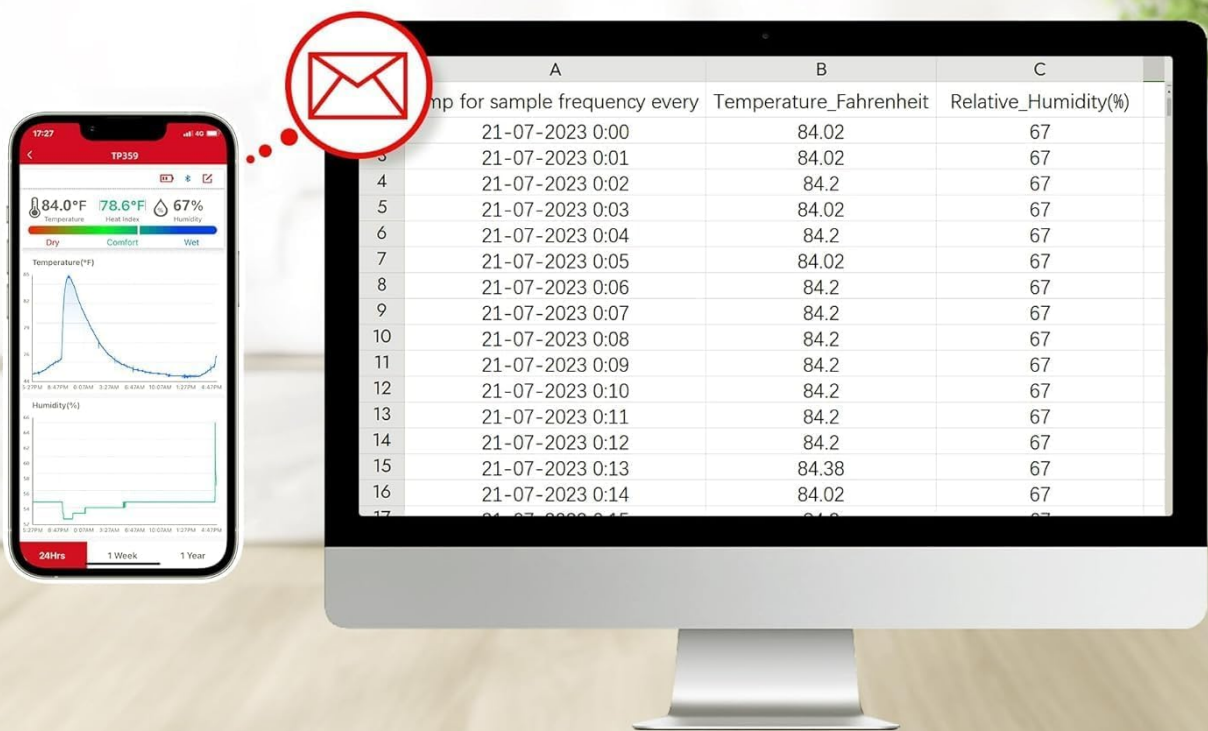


Image: A visual representation of the data export capability, showing how temperature and humidity data can be transferred from the device to the app and then exported to a computer for long-term analysis.

Instant Notification

Push Notification Once Temperature or Humidity Goes Out Of Your Preset Range



Image: A smartphone displaying an instant notification from the ThermoPro app, indicating that temperature or humidity levels have gone outside the user-defined range.

5. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your ThermoPro TP359.

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

- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display. Always use fresh AAA batteries.
- **Storage:** If storing the device for an extended period, remove the batteries to prevent leakage and damage. Store in a cool, dry place.

6. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-----------------------------|---|---|
| No display or dim display | Low or dead batteries; incorrect battery installation. | Replace with new AAA batteries, ensuring correct polarity. |
| Bluetooth connection issues | Bluetooth not enabled on smartphone; device out of range; app not open. | Ensure Bluetooth is on; move device closer to smartphone; open the ThermoPro Sensor app. |
| Inaccurate readings | Improper placement (direct sunlight, near vents); sensor obstruction. | Relocate the device to a central, stable environment away from extreme conditions. Ensure sensor vents are clear. |




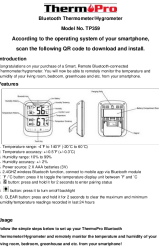


7. SPECIFICATIONS

| Feature | Detail |
|--------------------------|---------------------------|
| Model Number | TP359 |
| Color | White |
| Brand | ThermoPro |
| Item Weight | 106 Grams (3.74 ounces) |
| Battery Description | 2 x AAA (included) |
| Mounting Type | Tabletop |
| Upper Temperature Rating | 140 Degrees Fahrenheit |
| Voltage | 3 Volts |
| Temperature Accuracy | +/-0.5°F / +/-0.2°C |
| Humidity Accuracy | +/-2%RH |
| Product Dimensions | 3.23 x 4.09 x 0.89 inches |

8. WARRANTY AND SUPPORT

ThermoPro products are designed for reliability and performance. For specific warranty details and support inquiries, please refer to the warranty card included with your product or visit the official ThermoPro website. You can also visit the [ThermoPro Store on Amazon](#) for more information and product resources.

Related Documents - TP359

| | |
|---|---|
|  | <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 TP-55 Indoor Humidity and Temperature Monitor Instruction Manual</p> <p>Instruction manual for the ThermoPro TP-55 indoor humidity and temperature monitor, detailing features, operation, specifications, safety, warranty, and disposal guidelines.</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 TP359 Bluetooth Thermometer/Hygrometer User Manual</p> <p>User manual for the ThermoPro TP359, a smart Bluetooth thermometer and hygrometer. Learn how to set up, use, and maintain your device for remote temperature and humidity monitoring.</p> |
|  | <p>ThermoPro TP359 Smart Digital Indoor Hygrometer Thermometer with Bluetooth 5.0</p> <p>The ThermoPro TP359 is a smart digital indoor hygrometer thermometer featuring Swiss-made sensors, Bluetooth 5.0 connectivity, and a long-range capability. Monitor temperature and humidity accurately from your smartphone with instant alerts and detailed historical data.</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> |