



Manuals.plus /

› PROTEUS /

› Proteus AMBIO PSHT07 Wifi Temperature Humidity Sensor User Manual

PROTEUS PSHT07

Proteus AMBIO PSHT07 Wifi Temperature Humidity Sensor User Manual

Model: PSHT07 | Brand: PROTEUS

1. INTRODUCTION

The Proteus AMBIO PSHT07 is a cloud-connected Wi-Fi temperature and humidity sensor designed to monitor environmental conditions and provide alerts. This device connects directly to your home or office Wi-Fi network, eliminating the need for a separate hub or gateway. It sends alerts via email and text messages to multiple contacts when predefined temperature or humidity thresholds are exceeded. The unit also features a programmable smart buzzer for local audible alerts.

This manual provides detailed instructions for setting up, operating, and maintaining your Proteus AMBIO sensor to ensure optimal performance and reliable environmental monitoring.

2. WHAT'S IN THE BOX

Upon unboxing your Proteus AMBIO PSHT07, please ensure all the following items are present:

- Proteus AMBIO Sensor Unit
- Power Adapter
- External Sensor Cable (3 inches)
- Quick Start Guide



Figure 1: Contents of the Proteus AMBIO PSHT07 package, including the sensor unit, power adapter, external sensor cable, and quick start guide.

3. SETUP INSTRUCTIONS

Follow these steps to set up your Proteus AMBIO sensor:

3.1. Initial Power On and Connection

1. **Plug in the Device:** Connect the external sensor cable to the Proteus AMBIO unit. Plug the power adapter into a standard wall outlet and then connect it to the sensor unit. The LED indicator on the sensor will flash green upon initial power-up.
2. **Activate Setup Mode:** Press and hold the button on the sensor unit until the LED indicator turns blue. This indicates the device is in setup mode and broadcasting its own Wi-Fi network (e.g., "ProteusSetup-XXXXX").
3. **Connect to Setup Wi-Fi:** On your smartphone, tablet, or computer, go to your Wi-Fi settings and connect to the "ProteusSetup-XXXXX" network.
4. **Access Setup Portal:** A setup portal should automatically open in your web browser. If it does not, open your web browser and navigate to <http://192.168.3.3>.
5. **Follow On-Screen Prompts:** The portal will guide you through selecting your home/office Wi-Fi network and entering its password. You will also configure alert settings for temperature and humidity

thresholds.

6. **Complete Setup:** Once configured, the sensor will connect to your chosen Wi-Fi network, and the LED indicator will turn green. The setup is complete.



Figure 2: A Proteus AMBIO sensor plugged into a wall outlet with its external probe connected, ready for initial setup.

For a visual guide on the unboxing and setup process, please refer to the video below:

Your browser does not support the video tag.

Video 1: An unboxing and setup guide for the Proteus AMBIO sensor, demonstrating how to power on the device and connect it to your Wi-Fi network.

4. OPERATING INSTRUCTIONS

4.1. Remote Monitoring

Once your Proteus AMBIO sensor is set up, you can monitor temperature and humidity data remotely through the Proteus web portal. Access the portal from any web browser on your smartphone, tablet, or computer. The dashboard displays real-time readings and allows you to adjust settings as needed.

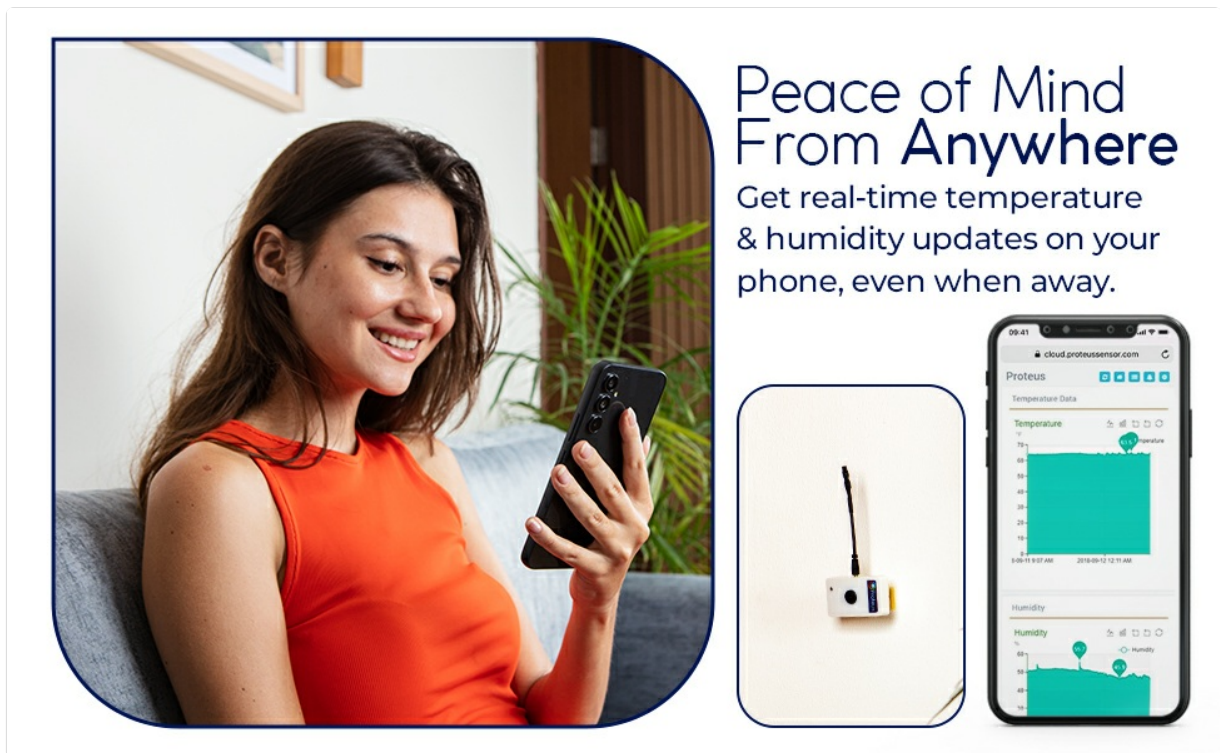


Figure 3: A smartphone screen showing the Proteus AMBIO web interface with real-time temperature and humidity data graphs.

4.2. Alert Configuration

You can customize alert thresholds for both temperature and humidity. When readings fall outside your set range, the sensor will trigger alerts. Alerts can be sent to multiple email addresses and phone numbers via text message. The built-in buzzer will also sound locally.

- **Temperature Alerts:** Set minimum and maximum temperature values.
- **Humidity Alerts:** Set minimum and maximum relative humidity percentages.
- **Power Outage Alerts:** The device will notify you if it loses power and when power is restored.
- **Buzzer Control:** The smart buzzer can be programmed to turn off automatically after a set period to prevent prolonged noise.

Self-Install in Minutes

1 Plug and Play:

Simply connect the sensor to a wall outlet

1



2 Connect to ProteusSetup-xxxxx

On your smartphone or tablet, open the Wi-Fi settings and select the network named "ProteusSetup-xxxxx".

2



3 Get Started:

Once connected, you can personalize your settings and connect your Proteus sensor to your home Wi-Fi.

3

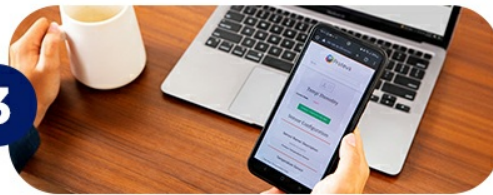


Figure 4: The Proteus AMBIO web interface displaying alert customization options for temperature and humidity, with a sensor unit visible in the background.

4.3. Multi-Sensor Management

If you have multiple Proteus sensors, they can all be managed from a single dashboard, providing a centralized view of all monitored locations. You can also grant view-only access to trusted individuals for shared monitoring.

Never Miss an Alert

*Call alerts are a paid option at 9c/call.



Figure 5: Multiple Proteus AMBIO sensor dashboards displayed on various smartphones, illustrating multi-sensor management capabilities.

5. SPECIFICATIONS

Feature	Detail
Model Number	PSHT07
Product Dimensions	2 x 3.5 x 3.5 inches
Item Weight	3.2 ounces
Connectivity	Wi-Fi
Special Features	Thermometer, Hygrometer, Alarm
Color	White
Manufacturer	ProteusSensor.com
First Available Date	January 16, 2016

6. TROUBLESHOOTING

If you encounter issues with your Proteus AMBIO sensor, consider the following troubleshooting steps:

- **No Wi-Fi Connection:** Ensure the sensor is within range of your Wi-Fi router. Check your Wi-Fi password and re-enter it during the setup process if necessary. Restart your Wi-Fi router and the sensor.
- **Incorrect Readings:** Verify the external sensor cable is securely connected. Ensure the sensor is placed in an area that accurately reflects the conditions you wish to monitor, away from direct heat sources or drafts.
- **Alerts Not Received:** Check your email spam folder. Verify that the email addresses and phone numbers configured for alerts are correct in the Proteus web portal. Ensure your device has an active internet connection.
- **Buzzer Not Sounding:** Check if the smart buzzer is enabled and its programmable off-time is not set too short.
- **Device Offline:** If the device appears offline, check for power outages or Wi-Fi network issues. The device will send a power outage alert if configured.

7. MAINTENANCE

The Proteus AMBIO sensor requires minimal maintenance:

- **Cleaning:** Wipe the sensor unit and external probe with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- **Placement:** Ensure the sensor is placed in a location where it can accurately measure temperature and humidity without obstruction. The 3-inch external sensor cable allows for flexible placement.
- **Firmware Updates:** Periodically check the Proteus web portal or support website for any available firmware updates to ensure your device has the latest features and security enhancements.

8. WARRANTY AND SUPPORT

Specific warranty information was not provided in the product data. For detailed warranty terms, technical support, or to request a longer sensor cable, please contact Proteus customer support directly via their official website, ProteusSensor.com.

