



TEMP STICK TH-2023 Wireless Temperature Sensor User Guide

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TEMP[°]STICK[®]

TEMP STICK TH-2023 Wireless Temperature Sensor



Before you begin, you will need

- Your wireless (WiFi) network name and password
- A smartphone, tablet, or PC with WiFi capability

Setup

1. Download the free Temp Stick app to your smartphone or tablet.

You can find them by scanning the QR codes below or by searching for “Temp Stick” in the app store.

Apple/iOS



Android



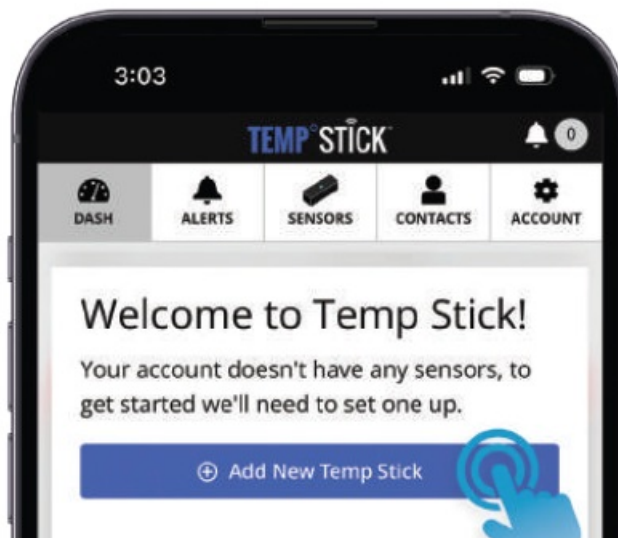
Once downloaded, create a new account or log in to an existing Temp Stick account.

2. Install the 2x AA Energizer Lithium batteries (included) into your Temp Stick.



Power on the device by sliding the power switch at the top of the Temp Stick to the right. The LED light on the front of your Temp Stick will start blinking red to indicate you are in Setup Mode.

3. In the app, navigate to the “Sensors” tab and click “Add New Temp Stick”.



Follow the in-app instructions to finish setting up your Temp Stick and add it to your account.

Note:

The Temp Stick works only on a 2.4Ghz Wifi network for maximum range & reliability.

ALTERNATIVE SETUP USING A PC

- This must be done from a WiFi-capable PC.
- First, Complete steps 1 & 2 and verify the LED light on the front of your Temp Stick is blinking red.
- Open a web browser and go to mytempstick.com.

- Once logged in to your account, go to the “Sensors” section of your account, click on “+ Add New Temp Stick” and follow the on-screen instructions.

LOGGING IN TO YOUR SENSOR

- **From a Smartphone or Tablet:** Download the free app from the Apple App Store or Google Play. You can find them by scanning the QR codes from Step 1 or by searching for “Temp Stick” in the app store.
- **From a PC, Laptop, etc:** Open a web browser and navigate to mytempstick.com.

TIPS FOR FIRST-TIME USE

FIRST-TIME USE & CALIBRATION:

Important: Initial readings may be off by +/- 10° until calibration is complete (about 1 hour). The sensor will calibrate during the first hour of use. The blue light will come on for a couple of seconds each time the sensor takes a reading (once an hour by default).

USING IN A FREEZER?

The sensor can measure freezing temperatures as low as -40°. For freezers, you must use 2x AA (1.5V) Energizer Lithium batteries for continued operation. Do not use alkaline batteries in freezers as they cease to function at sub-zero temperatures.

TO CHANGE WIFI NETWORKS

1. Remove the battery cover.
2. While the device is powered on, hold down the reset button until the red light on the front of the Temp Stick turns on, then release (about 5-6 secs). Once you have a steady blinking red light you will be in setup mode.
3. In your Temp Stick app, navigate to the “Sensors” section. Select the sensor whose wifi network you want to update. Click on the “Update WiFi” button.
4. Follow the on-screen instructions to change your primary WiFi network or add a 2nd wifi network as a backup.

PERFORMING A FACTORY RESET

1. Turn off Temp Stick (slide the power switch left).
2. Hold down the reset button, power on the device, and keep the reset button held until the led on the front of the Temp Stick turns blue and releases (30 seconds).
3. Once you have a steady blinking red light the device has been reset to factory settings.

BATTERY OPTIONS

Lithium Batteries (Included)

Your Temp Stick sensor comes with two 1.5V AA Energizer Ultimate Lithium batteries. The average battery life expectancy with default settings is up to 1 year.

Lithium batteries are recommended for Extreme heat and freezer applications: Lithium batteries perform even in the most extreme temperatures, making lithium batteries perfect for extremely cold or hot conditions where alkaline batteries typically cease to function.

TEMP STICK STATUS LIGHTS

- **Blinking Red (steady)** In Setup Mode/Pairing Mode
- **Solid Blue (1-5 secs)** Taking a New Reading. The frequency depends on your check-in interval settings.
- **Blinking Blue/Red (about 50 secs)** Downloading Firmware Update. Avoid powering off device.

TEMP STICK PLACEMENT

- **Freestanding:** Place on a flat surface in the area you wish to monitor.
- **Mount it:** Using the provided adhesive strip.
- **Hang it:** Using the provided lanyard.

LIMITATION OF DAMAGES RELEASE

TO THE EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL THE COMPANY, ITS AFFILIATES, DIRECTORS, OR EMPLOYEES, OR ITS LICENSORS OR PARTNERS, BE LIABLE TO YOU FOR ANY LOSS OF PROFITS, USE, OR DATA, OR FOR ANY INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES, HOWEVER ARISING, THAT RESULT FROM (A) THE USE, DISCLOSURE, OR DISPLAY OF YOUR USER CONTENT; (B) YOUR USE OR INABILITY TO USE THE SERVICE; (C) THE SERVICE GENERALLY OR THE SOFTWARE OR SYSTEMS THAT MAKE THE SERVICE AVAILABLE; OR (D) ANY OTHER INTERACTIONS WITH THE COMPANY OR ANY OTHER USER OF THE SERVICE, WHETHER BASED ON WARRANTY, CONTRACT, TORT (INCLUDING NEGLIGENCE) OR ANY OTHER LEGAL THEORY, AND WHETHER OR NOT THE COMPANY HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGE, AND EVEN IF A REMEDY SET FORTH HEREIN IS FOUND TO HAVE FAILED OF ITS ESSENTIAL PURPOSE. SOME JURISDICTIONS LIMIT OR DO NOT PERMIT DISCLAIMERS OF LIABILITY, SO THIS PROVISION MAY NOT APPLY TO YOU.

SPECIFICATIONS

- **Power Source:** Two (2) AA 1.5V batteries
- **Power Usage:** 1-year battery life with typical usage
- **Temperature Range:** -40°F to 140°F
- **Humidity Range:** 0% to 100% (relative humidity)
- **Max Accuracy:** Temperature sensor $\pm 0.15^{\circ}\text{C}$ Relative humidity sensor $\pm 2.0\%$ RH
- **WiFi Frequency:** 2.4Ghz
- **Communications:** The Temp Stick operates as a client device using industry-standard WiFi® (8.2.11G)

THREE-YEAR LIMITED WARRANTY

This product is warranted to be free of defects in material and workmanship for three years from the date of purchase.

Ideal Sciences will, at its election and as the purchaser's or end user's sole and exclusive remedy for any breach of the limited warranty set forth above, repair or replace this product if a defect in material or workmanship is identified and communicated to Ideal Sciences within the three-year period described above. Ideal Sciences is not responsible for removal or re-installation costs. This warranty is not valid in cases where damage to this product is the result or arises out of misuse, abuse, incorrect repair, or improper wiring or installation.

To notify Ideal Sciences of any breach of the foregoing limited warranty and to obtain warranty service, contact Ideal Sciences Customer Support by email at support@tempstick.com or by calling 888-263- 6973, to obtain a Return Materials Authorization ("RMA") number and instructions for returning your product.

IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED, EXCEPT WHERE SUCH DISCLAIMER IS PROHIBITED BY APPLICABLE LAW. IDEAL SCIENCES AND/OR THE SELLER DISCLAIM(S) ANY AND ALL LIABILITY FOR SPECIAL, INCIDENTAL, AND CONSEQUENTIAL DAMAGE IN ANY WAY ASSOCIATED WITH OR RELATED TO THE PURCHASE, INSTALLATION, AND/OR USE OF THIS PRODUCT.

FCC STATEMENT

FCC ID: 2AC7Z-ESPWROOM02

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

IMPORTANT!

Changes or modifications not expressly approved by Ideal Sciences void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body


The Temp Stick Sensor complies with relevant standards established by the following regulatory bodies: Federal Communications Commission (FCC).

Need Assistance?

- **Support & Sales:** 888.263.6973
- **Email:** support@tempstick.com.
- **Website:** tempstick.com.
- **Sensor Login:** mytempstick.com.

MADE IN USA.

Documents / Resources

	TEMP STICK TH-2023 Wireless Temperature Sensor [pdf] User Guide TH-2023, TH-2023 Wireless Temperature Sensor, Wireless Temperature Sensor, Temperature Sensor
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References

-  [Dashboard Login - Ideal Sciences](#)
-  [Temp Stick® by Ideal Sciences " Official Website](#)

