

Temperature & Humidity Sensor

SMARTTEMP



Escanee para ver las instrucciones en español

A Welcome!

Thank you for purchasing Little Giant® products! We appreciate you trusting Little Giant® for your smart farm and ranch automation needs. Your 100% satisfaction is our goal. If you experience any problems with your installation, with our products or if you have any questions that this manual does not answer, please contact us right away. See the Contact Us section for more info.

Thank you!
Miller Manufacturing

The following icons are used in this guide to convey specific types of information:



Very important information (can save you time!)



Good to know info but may not apply to you

B Before You Begin

Please note: this is a quick start guide, intended to get you started on the installation of your Temperature & Humidity Sensor. Download the full Installation & User Guide by scanning this QR code:



Installation & User Guide

You can also find all guides and additional resources, such as videos and troubleshooting instructions, on the Temperature & Humidity Sensor Product page by scanning the QR code below or by visiting:

<https://miller-mfg.com/products/temperature-and-humidity-sensor>



Product Support



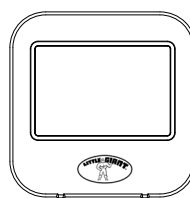
HUB REQUIRED

Your Temperature & Humidity Sensor connects to the internet via a Little Giant® Smart Hub (SMARTHUB) and it does **not** connect directly to your WiFi or local network. In order for remote access to the device from the app, and for full functionality, a Hub is required. This guide assumes the BARN-IQ™ app has been installed on your smartphone, and a Little Giant® Smart Hub is installed and online (or your location, home, farm, etc., is already served by a Little Giant® wireless network).



To provide years between battery changes, your sensor refreshes at least once an hour or more frequently if the SET button is pressed or if the temperature or humidity change meets refresh criteria as explained in the user guide.

C In the Box



Temperature & Humidity Sensor



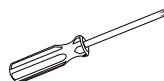
Quick Start Guide



Two AAA Batteries

D Required Items

You may require these items:



Medium Phillips Screwdriver



Hammer

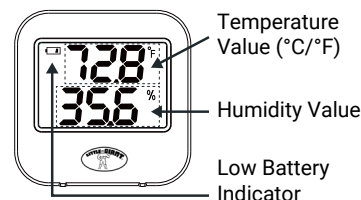
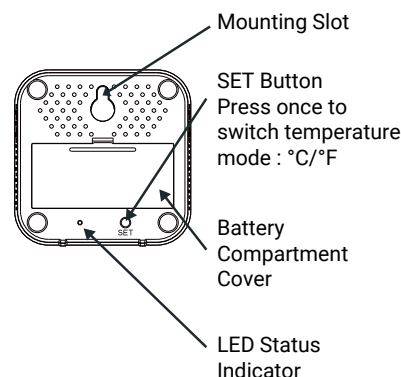


Nail or Self Tapping Screw



Double-sided Mounting Tape

E Get to Know Your Temp & Humidity Sensor



E Get to Know Your Temp & Humidity Sensor, Cont.

LED Behaviors

Blinking Red Once, then Green Once
Device turned on

Blinking Red And Green Alternately
Restoring to Factory Defaults

Blinking Green Once
Switching temperature mode

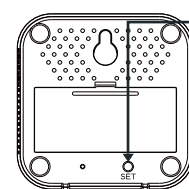
Blinking Green
Connecting to Cloud

Slow Blinking Green
Updating

Blinking Red Once
Device alerts or device is connected to the cloud and is functioning normally

Fast Blinking Red Every 30 Seconds
Batteries are low; please replace the batteries

F Power Up



Turn on the Temperature & Humidity Sensor by briefly pressing the SET button, until you see the LED flash red then green.

G Install the App

If you are new to Little Giant® Smart Products, please install the BARN-IQ™ app on your phone or tablet, if you have not already. Otherwise, please proceed to the next section.

G Install the App, Cont.

Scan the QR code below to visit the Smart Products resources page or find the BARN-IQ™ app on the appropriate app store.



Apple phone/tablet
iOS 9.0 or higher

Android phone/
tablet 4.4 or higher

Open the app and tap **Sign up** for an account. You will be required to provide a username and a password. Follow the instructions, to set up a new account. Allow notifications, when prompted.

You will immediately receive a welcome email from no-reply@miller-mfg.com with some helpful information. Please mark the miller-mfg.com domain as safe, to ensure you receive important messages in the future.

Log in to the app using your new username and password.

The app opens to the **Favorite** screen. This is where your favorite devices and scenes will be shown. You can organize your devices by location, in the **Locations** screen, later.

Refer to the full user guide and online support for instructions on the use of the BARN-IQ™ app.

H Add the Sensor to the App

1. Tap **Add Device** (if shown) or tap the scanner icon:



2. Approve access to your phone's camera, if requested. A viewfinder will be shown on the app.

H Add the Sensor to the App, Continued

3. Hold the phone over the QR code on the back of the sensor so that code appears in the viewfinder. If successful, the **Add Device** screen will be displayed.

4. You can change the device name and assign it to a location later. Tap **Bind device**.

I Install the Temperature & Humidity Sensor

Environment Considerations:

Determine an appropriate location for your sensor.



Please note: The Temperature & Humidity Sensor can be used indoors or in a structured outdoor environment. (such as a coop, barn, beehive, etc.) It is not recommended for use in outdoor environments where it would be exposed to precipitation. Refer to the product support page for the full environmental specifications.

- If you plan to use this sensor in a freezer, ensure the sensor does not get wet during defrosting cycles.

Location Considerations:

If placing the sensor on a shelf or countertop, ensure it is a stable surface. If hanging or mounting the sensor on a wall, ensure the mounting method is secure, and the location does not subject the sensor to physical damage. The warranty does not cover physical damage.

- ▶ Do not place the sensor where it may get wet
- ▶ Do not place the sensor where it will be subjected to direct sunlight
- ▶ Avoid placing the sensor near HVAC grilles or diffusers

I Install the Temperature & Humidity Sensor, Cont.

1. Before installing or placing your sensor, ensure the display mode is correct for your application. To switch between Celsius and Fahrenheit display mode, briefly press the SET button (on the rear of the sensor).

2. If placing the sensor on a shelf or countertop or other stable service, place the sensor where desired, then proceed to the next section.

3. Before mounting or hanging the sensor on the wall or vertical surface, determine your desired method:

- Hang the sensor from a nail or screw or small hook
- Hang or mount the sensor by other methods, such as wall hanging hooks with adhesive strips
- Secure the sensor to the wall using mounting tape, Velcro or similar methods. If affixing something to the rear of the sensor, be aware of the impact of covering the SET button or LED, and allow for battery replacement in the future.

4. Mount or hang the sensor on the wall or vertical surface using your desired method. (Insert a screw into the wall, hammer a nail into the wall, etc.)

5. Allow your sensor at least one hour to stabilize and report the correct temperature and humidity to the app. Refer to the full installation & user guide for instructions on calibrating your sensor, if it does not appear to indicate the correct temperature and/or humidity.

Refer to the full Installation & User Guide, to complete the setup of your Temperature & Humidity Sensor.

J Contact Us

We are here for you, if you ever need any assistance installing, setting up or using a BARN-IQ™ app or Little Giant® Sensors.

Need help? For fastest service, please email us 24/7 at customerservice@miller-mfg.com

Or call us at **800-260-0888**,
Monday - Friday 7:00 AM to 5:00 PM CT.

You can also find additional support and ways to contact us at:
www.miller-mfg.com

Or scan the QR code:



Support
Home Page

Finally, if you have any feedback or suggestions for us, please email us at customerservice@miller-mfg.com

Thank you for trusting Little Giant®



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