LEEDARSON

We build your success in IoT.

Temperature & Humidity Sensor

Quick Start Guide

Meet Your LEEDARSON Temperature & Humidity Sensor

The Temperature & Humidity Sensor lets you know the ambient temperature and humidity to trigger different actions to make you more comfort.

Capabilities:

- The LEEDARSON Temperature & Humidity Sensor is a universal ZigBee Temperature & Humidity Sensor.

- The LEEDARSON Temperature & Humidity Sensor detects temperature and humidity.

- The LEEDARSON Temperature & Humidity Sensor is powered by two CR2032 batteries with 3 years battery life.

- The LEEDARSON Temperature & Humidity Sensor is designed to be mounted on the surface.

Specification

Power Supply:	Battery
Operational Voltage:	3V
Battery Type:	CR2032*2
Battery Life:	3 years
Accuracy	0~60℃ accuracy: +- 1℃ -10~50 ℃ accuracy: +- 1.5 ℃ 0 ~ 100% RH accuracy: +- 6%
Radio Protocol:	ZigBee
Radio Frequency:	2.4GHz
Range:	100ft LOS
Operational Temperature:	-10℃ ~ +50℃
Standards Compliance:	FCC, CE
Dimensions (mm):	84.4(L)*63.4(W)*20.2(H)

LEEDARSON

How to connect a Temperature & Humidity Sensor

Use the button at the bottom of the sensor to include the Temperature & Humidity Sensor into the ZigBee network.

Temperature & Humidity Sensor's Inclusion Procedure:

1. Make sure the sensor is powered.

2. Press and hold the button(reset) for 3 second. This will cause a LED indicator to flash once per second.

3. Tap "Add device" in the LEEDARSON LDS App. The LDS App will search for the device.

4. The LED indicator will turn off to confirm a successful inclusion.

Button
(Reset)
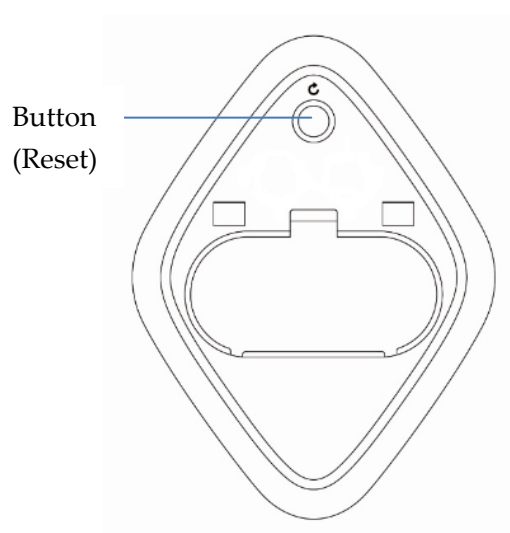
Tip

When initially setting up the LEEDARSON Temperature & Humidity Sensor, it is recommended to perform the setup task within 15 feet (4.5 meters) of the ZigBee Hub.

LEEDARSON

How to reset a Temperature & Humidity Sensor

Reset procedure deletes memory, including all information on the ZigBee network and the hub.

Temperature & Humidity Sensor's Reset Procedure:

1. Make sure the sensor is powered.

2. Press and hold the button for 3 seconds.

3. Release the button.

4. LED indicator flashes once per second to confirm a successful reset.

Caution:

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To satisfy FCC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation.
To ensure compliance, operations at closer than this distance is not recommended.

NOTE: 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. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

LEEDARSON