Manuals+

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DIGI TM-B3SENSOR Smart Sense B3 Sensor Owner's Manual 📕
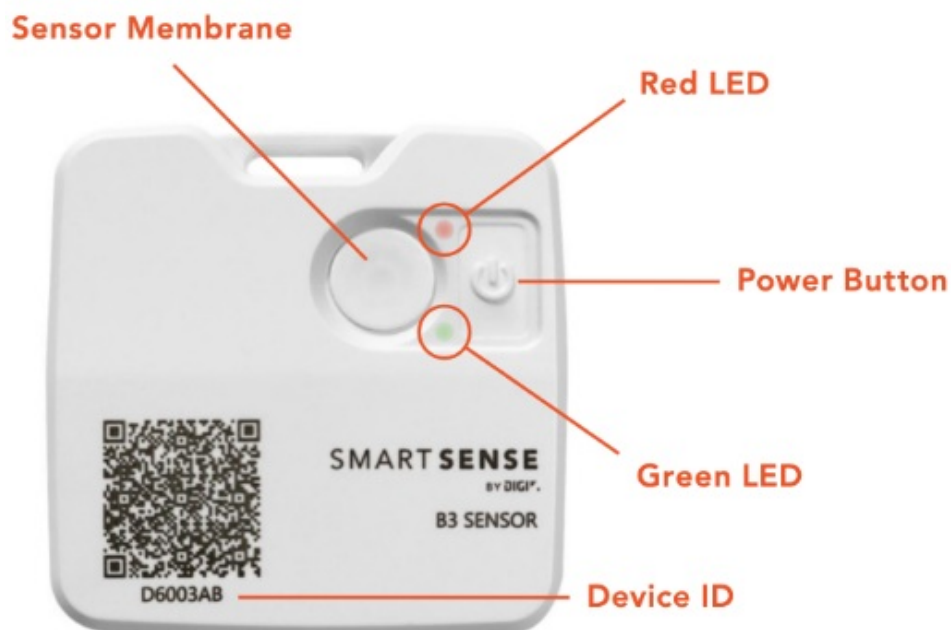
Contents [hide]

DIGI

DIGI TM-B3SENSOR Smart Sense B3 Sensor

Use these instructions to add a SmartSense B3 Sensor to an existing SmartSense environment.

Installing the B3 Sensor

Your SmartSense B3 Sensor arrives powered off.

1. Hold the power button for 2-5 seconds, then release to turn on the B3 Sensor.

2. Both the green and red LEDs will simultaneously blink twice to indicate the sensor is on and will report at a scheduled interval (under normal operation, these are the only times the LEDs will illuminate).

3. To check the status of a B3 Sensor, press the power button once. A green LED indicates the sensor is on, while a red LED indicates that the sensor is in Hibernation Mode (not collecting or sending data).**

4. SmartSense recommends installing the sensor according to the FDA Food Code, placing it "in a location that is representative of the actual storage temperature of the unit," away from any compressors or fans.

5. Use the included zip tie to mount the B3 Sensor. The zip tie should be threaded through the mounting loop at the top of the sensor and attached securely to a mounting point so that the sensor is hanging vertically and facing toward the door of your case.

6. If a suitable mounting point does not exist, contact SmartSense Support for additional mounting options.

Once turned on, the B3 Sensor may be placed back into Hibernation Mode if not in use. To place the sensor into Hibernation Mode, hold the power button down for about 5 seconds (until the green and red LEDs simultaneously blink 3 times), release the button, and hold the button again for 2-5 seconds within 20 seconds to confirm Hibernation Mode is activated (a single red LED flash will confirm the device is back in Hibernation Mode). You can press the power button again to confirm the B3 Sensor is in Hibernation Mode (the red LED will flash once).

Note

When you put the B3 Sensor in Hibernation Mode, the device cannot be re-enabled for one minute to allow for proper shutdown; all stored data will be deleted, and the device will revert to its default configuration.

Caution

Risk of fire and burns. Do not recharge, disassemble, heat above (manufacturer's specified temperature), or incinerate. Keep the battery out of reach of children and in its original package until ready to use. Dispose of used batteries promptly.

Verify the B3 Sensor is Reporting

Confirm that the B3 sensor is communicating with your SmartSense dashboard. If you do not have a login with Super Admin or Admin permissions, ask a colleague to perform this check. You will need to log in to the SmartSense Web App.

1. Open a web browser and navigate to app.smartsense.co.
2. Enter your credentials (username and password), then select LOG IN.
3. At the top of the screen, click ADMI, N, then select SYSTEM MANAGEMENT.
4. Click the UNASSIGNED SENSORS tab.
5. In the search bar, enter the Device ID on the front of the B3 sensor (Device ID starts with "D6" and the search requires the full sensor ID).
6. When the B3 Sensor is communicating successfully, the LAST COMMUNICATION DATE column should display a recent date and time.
7. This confirms that the B3 Sensor is communicating as expected.

Installation Guides

- Ambient Sensor Installation
- SmartSense Sensor Hub User Guide
- Grocery Self-Installation Guide
- Kitchen Self-Installation Guide
- Warehouse Self-Installation Guide
- Hospital and Pharmacy Self-Installation Guide
- Glycol Probe Installation
- SmartSense
- SmartTemps
- New Releases
- Trainings & FAQs
- Sensors
- Gateways
- Probes
- Installation
- Legacy

Articles in this section

- TM-B3SENSOR Regulatory & Compliance Statements
- B3 Sensor Installation Guide

TM-B3SENSOR Regulatory & Compliance Statements

Not yet followed by anyone

Interference Statement

This device complies with Part 15 (15.19a) of the FCC Rules and Industry Canada's license-exempt RSS standards. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

FCC Class B Digital Device Notice

This equipment has been tested and found to comply with the limits for a Class B digital device under Part 15 (15.105) 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 according toy 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 the receiver
- Connect the equipment to 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

CAN ICES-3 (B)/NMB-3 (B)

This Class B digital apparatus complies with Canadian ICES-003.

Non-Modification Statement

SmartSense by Digi has not approved any changes or modifications to this device by the

user. Any changes or modifications could void the user's authority to operate the equipment.

RF Exposure Statement

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between radiator and any part of your body. This equipment meets the exemption from the routine evaluation limits in section 2.5 of RSS-102. It should be installed and operated with a minimum distance of 20 cm between the radiator and any part of your body.
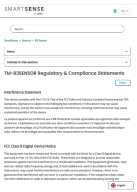
Antennas

The B3 Sensor has been certified with a permanent, ceramic chip antenna installed on the internal circuit board. The max peak gain tested was 2.93dBi.

The following chip antennas have been considered:

- Johanson part number 2450AT18B100
- PSA-Walsin part number RFANT3216120A5T

Documents / Resources

	[DIGI TM-B3SENSOR Smart Sense B3 Sensor](#) [[pdf](#)] Owner's Manual 2ATZ3-B3SENSOR, 2ATZ3B3SENSOR, TM-B3SENSOR Smart Sense B3 Sensor, TM-B3SENSOR, Smart Sense B3 Sensor, Sense B3 Sensor, B3 Sensor, Sensor

References

- [User Manual](#)

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