

Blyott Standard Sensor BT-T2

VERSATILE ASSET SENSOR

Start monitoring and locating your assets now

Look no further in your search for one of the most versatile Blyott sensors out there. The BT-T2 sensor is a BLE V5.3 compliant module with secure, custom firmware and a waterproof, easy-to-clean casing.

The BT-T2 helps you keep track of your (mobile) assets and is designed to fulfill all requirements for:

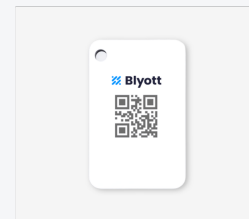
Asset tracking, logistics, item management, and predictive maintenance use cases.

With optimized and ultra-low power consumption, the BT-T2 guarantees an extremely long battery life. A high precision accelerometer sensor permits detection of any movements, vibrations, shocks or specific falls.

The built-in push button can be programmed via the Blyott platform according to your needs and use cases. For instance, pressing the button can notify staff that a room needs cleaning.

The temperature sensor further enhances the overall functionalities to allow for real-time temperature monitoring, including the support for monitoring cold chain applications.

Finally, a secure operational mode is included and based on an AES-128 crypto algorithm.



AT A GLANCE

Radio	BLE V5.3 · 2.4 GHz
Battery	CR2032 · up to 5 years
Sensors	Accelerometer + temperature
Button	Programmable
IP rating	IP67

Activate your sensor

- 1 Click on the sensor.
- 2 The LED will flash 5 times.
- 3 Your sensor is now activated.

Check if activated

- 1 Short click on the sensor.
- 2 The LED will flash 3 times.
- 3 Sensor already activated.

All specifications BT-T2

GENERAL

Battery reference	CR2032 - 3 volts lithium battery
Battery lifetime	Up to 5 years depending on the tag configuration and usage
Broadcasting range	Up to 15 m / 590.55" (-5 dBm; RSSI @ 12 m / 472.44" = -100 dBm)
Location accuracy	Depends on the available Wi-Fi and BLE(*) infrastructure
Sensors	Accelerometer and temperature sensor with an accuracy of 0.5°C / 32.9°F
Button	Functionality customizable via the Blyott Remote Insights Platform

(*) The Blyott solution is compatible with Wi-Fi APs enabled with Bluetooth® technology from various vendors. Bluetooth® is a registered trademark of Bluetooth SIG, Inc.

PHYSICAL

Dimensions	38 mm / 1.49" x 24 mm / 0.94" x 5 mm / 0.19"
Colors	The casing comes in white
Casing	PC and ABS, highly durable composite structures used in the automotive industry

CHEMICAL AND MECHANICAL

Operating temperature	-10°C to +60°C / +14°F to +140°F
Heating for 10 secs duration	+85°C / +185°F
Environmental and chemical properties	Saltwater, salt mist, acetic acid water, carbonated sodium water, sugared water, ethylene glycol, humidity 95% (50°C / 122°F, 24h)
Certificates	IP67, CE-RED (incl. safety, RF, EMC, SAR), FCC and ROHS

BT-T2 · V26R01

About Blyott

Blyott — a simac PHI DATA brand — is at the forefront of transforming industries with innovative localization and monitoring solutions. Our platform integrates advanced data analytics and AI, helping healthcare and logistics teams enhance efficiency, foster staff well-being and achieve sustainability goals.



EASY TO SET UP

Works in a matter of minutes.



SCALABLE

Scale to millions of assets.



PAY-AS-YOU-GROW

Custom plans are available.



OPEN STANDARD

Integrate using REST APIs and webhooks.



www.blyott.com

Blyott — a simac PHI DATA brand

Get in touch at

info@phidata.be