

Blyott Tiny Sensor BT-TT

WORLD'S TINIEST BATTERY-POWERED SENSOR

Start monitoring and locating your assets now

Our standard Blyott BT-T2 has been widely deployed for many different types of applications. But in some use cases, the Blyott BT-T2 sensor size is less suited. So, what's the alternative?

Let's introduce the world's tiniest battery-powered sensor; a BLE V5.3 compliant module.

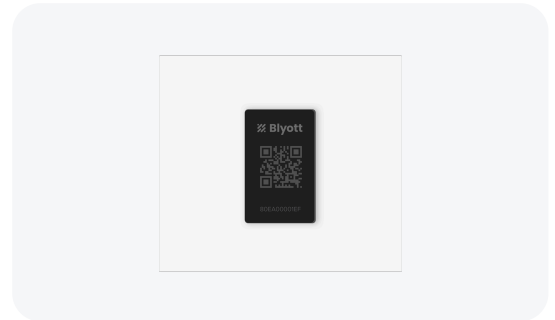
The BT-TT is a battery-powered sensor to track smaller medical instruments like shaving kits, toothbrushes and ear thermometers.

Due to its long battery life and extremely small format, the BT-TT is really in a class of its own.

Use cases are many, including the localization of smaller medical instruments like shaving kits, toothbrushes, and ear thermometers.

Combined with the Blyott Mobile Locator (BT-M1), you can easily upgrade standard cabinets to smart cabinets, monitor where medicines are stored, track pick-up times, and view the live inventory.

Finally, the BT-TT is also an excellent solution for consignment challenges in healthcare environments.



The BT-TT is a revolutionary new battery-powered Blyott sensor that is extremely small in size.

AT A GLANCE

Radio	BLE V5.3 · 2.4 GHz
Battery	Silver-oxide · up to 3 years
Size	16 × 26 × 2.2 mm
Sensor	Temperature (±2°C)
IP rating	IP65

Highlighted use case

- ✓ Upgrade standard cabinets to smart cabinets in combination with the BT-M1.
- ✓ Monitor where medicines are stored and view the live inventory.

All specifications BT-TT

GENERAL

Battery reference	Eco-friendly silver-oxide coin cell battery
Battery lifetime	Up to 3 years based upon 3-minutes BLE advertising intervals
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
Temperature accuracy	Temperature sensor with an accuracy of 2°C / 35.6°F

(*) 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	16 mm / 0.62" (width) x 26 mm / 1.02" (length) x 2.2 mm / 0.08" (height)
Colors	Black
Casing	PVC with adhesive

CHEMICAL AND MECHANICAL

Environmental and chemical properties	Saltwater, salt mist, acetic acid water, carbonated sodium water, sugared water, ethylene glycol
Certificates	IP65, CE-RED (incl. safety, RF, EMC, SAR), FCC and ROHS

BT-TT · 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.



simac



PHI DATA

www.blyott.com

Blyott — a simac PHI DATA brand

Get in touch at

info@phidata.be