

Blyott Badge BT-BD

STAFF BADGE · EMERGENCY BUTTON

Locate staff and increase safety in emergencies

In the event of emergencies, it's critical to be able to locate personnel and know precisely how many are gathered in which part of the premises.

The BT-BD is a badge that can help you do that. It can work as an access card, but it's also an excellent option for the real-time localization of staff.

The badge comes with a built-in push button that can be used in emergencies to further increase safety and instantly locate staff under duress.

Compatible with standard door access equipment, the BT-BD is ideal in various use cases. For instance, locate staff in manufacturing facilities, event locations, hospitals, and other campuses.

No personnel information is stored on the Blyott platform, only the badge ID, making the badge fully privacy and GDPR compliant.

The badge guarantees an extremely long battery life with optimized and ultra-low power consumption. In addition, the built-in push button can be programmed via the Blyott platform to fit different use cases.

The BT-BD has the size of a standard business card, and thanks to the optional UHF support, the badge can be used for access control.



AT A GLANCE

Radio	BLE · 2.4 GHz
Battery	CR2016 · up to 3 years
Size	Standard business card
Button	Emergency / programmable
Access control	Optional UHF support

Activate your badges

- 1 Click on the badge.
- 2 The green and red LEDs will (long) flash 5 times.
- 3 Your badge is now activated.

Check if activated

- 1 Short click on the badge.
- 2 The green and red LEDs will (short) flash 3 times.
- 3 Badge already activated.

All specifications BT-BD

GENERAL

Battery reference	CR2016 - 3 volts lithium battery
Battery lifetime	Up to 3 years depending on the badge configuration and usage
Broadcasting range	Up to 15 m / 590.55" (-5 dBm; RSSI @ 12 m / 472.44" = -100 dBm)
Sensors	Accelerometer and temperature sensor with an accuracy of 0.8°C / 33°F
Button	Functionality customizable via the Blyott Remote Insights Platform

PHYSICAL

Dimensions	55 mm / 2.16" (width) x 89 mm / 3.50" (length) x 3 mm / 0.11" (height)
Colors	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	IP65, saltwater, salt mist, acetic acid water, carbonated sodium water, sugared water, ethylene glycol, humidity 95% (50°C / 122°F, 24h)
Certificates	CE, FCC, ISED, RoHS & Reach conform (www.conflictreesourcing.org)

BT-BD - 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

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Get in touch at

info@phidata.be