

Blyott Medical Wristband BT-W3PRO

PATIENT TRACKING · SOS · TAMPER ALARM

Locate patients and let them call for help

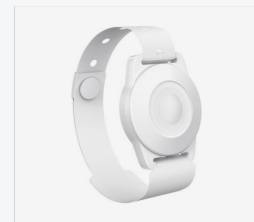
The BT-W3PRO is a reusable medical wristband for hospitals and nursing homes. It combines real-time patient location with a tactile SOS alarm button, so a patient or resident can call for help anywhere your Blyott coverage reaches.

An anti-dismantling shell and a single-use PVC strap make removal detectable: the tamper alarm fires as soon as the band is opened or cut, and the strap cannot be refitted unnoticed.

Patient tracking, tamper detection and staff response — hospital and nursing home use.

Inside sits a Nordic NRF52 system-on-chip with a 3-axis accelerometer; NFC and RFID are available as options for identification at the point of care.

The waterproof IP67 casing measures 40.0 × 32.0 × 10.3 mm and comes in one size, so a single stock item covers your whole population. Its CR2032 battery is sealed in and runs for up to two years.



The BT-W3PRO is a reusable wristband with a single-use strap: the module is redeployed for the next patient, the strap is not.

AT A GLANCE

Battery	CR2032 · up to 2 years
Protection	IP67 waterproof
Dimensions	40.0 × 32.0 × 10.3 mm
Sensors	3-axis accelerometer
Button	Tactile SOS alarm

A range of use cases

- ✓ Real-time patient and resident location on the Blyott platform.
- ✓ Personal alarm: the wearer calls for help with the tactile SOS button.
- ✓ Tamper alarm: a band that is opened or cut is flagged immediately.

Order codes

- ✓ **BT-W3PRO** — W3 Pro wristband, one size.

All specifications BT-W3PRO

GENERAL

Battery reference	CR2032 - 3 volts lithium battery, 225 mAh, non-replaceable
Battery lifetime	Up to 2 years depending on the sensor configuration and usage
System-on-chip	Nordic NRF52
Location accuracy	Depends on the available Wi-Fi and BLE(*) infrastructure
Sensors	3-axis accelerometer
Button	Tactile SOS alarm button
Tamper detection	Tamper alarm - anti-dismantling shell
Identification	NFC / RFID optional

(*) 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	40.0 × 32.0 × 10.3 mm / 1.57" × 1.26" × 0.41"
Sizes	One size
Strap	PVC disposable strap
Casing	Anti-dismantling shell
Reusability	Reusable wristband, single-use strap

CHEMICAL AND MECHANICAL

Protection	IP67 - waterproof
Certificates	CE, FCC, RED and RoHS

BT-W3PRO · 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.



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