

Blyott Safety Wristband BT-W6

FALL DETECTION · SOS · REUSABLE

A reusable wristband that sees the fall coming

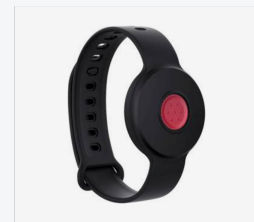
The BT-W6 is a fully reusable wristband for hospitals and nursing homes. A high-end accelerometer detects falls, motion and shocks, and an SOS emergency button — available in soft rubber or in the regular finish — lets the wearer raise an alarm themselves.

Because the CR2032 battery is replaceable, the same wristband keeps going after each two-year cycle.

Patient tracking, fall detection and personal alarms — hospital and nursing home use.

The BT-W6 runs on a Nordic nRF52811 system-on-chip. RFID is included as standard; NFC is available as an option.

The casing is IP67 waterproof and comes in one size, so a single stock item covers your whole population.



The BT-W6 is fully reusable: the CR2032 battery is replaceable and the standard strap can be produced in your own colors.

AT A GLANCE

Battery	CR2032 · replaceable
Battery lifetime	Up to 2 years
Protection	IP67 waterproof
Sensors	Fall, motion and shock
Button	SOS emergency button

A range of use cases

- ✓ Fall detection: the accelerometer flags a fall, a shock or unusual motion.
- ✓ Personal alarm: soft-rubber or regular SOS button, chosen per population.
- ✓ Real-time resident and patient location on the Blyott platform.

Order codes

- ✓ **BT-W6** — W6 safety wristband, one size.

All specifications BT-W6

GENERAL

Battery reference	CR2032 - 3 volts lithium battery, replaceable
Battery lifetime	Up to 2 years depending on the sensor configuration and usage
System-on-chip	Nordic nRF52811
Location accuracy	Depends on the available Wi-Fi and BLE(*) infrastructure
Sensors	High-end accelerometer - fall, motion and shock detection
Button	SOS emergency button - soft rubber or regular
Identification	RFID standard, NFC 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

Sizes	One size
Strap	Standard strap, color-customizable
Reusability	Reusable wristband, replaceable battery

CHEMICAL AND MECHANICAL

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

BT-W6 · 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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