

Blyott Patient ID Wristband BT-W7

DISPOSABLE · NFC IDENTIFICATION

One disposable band for identity and location

The BT-W7 is a disposable patient ID wristband for hospitals and nursing homes. It carries the patient's identity on NFC and their location on BLE, on a skin-friendly TPU strap that is comfortable enough to wear for the whole stay.

The strap is single-use and anti-removal: cutting it triggers the tamper alarm and the band cannot be put back on. There is no alarm button — this is an identification and location band, not a call system.

Disposable patient identification and tracking — hospital and nursing home use.

A Nordic NRF52 system-on-chip drives both radios: NFC at 13.56 MHz (ISO/IEC 14443-A) for tap identification, and BLE for location on the Blyott platform.

The sealed 38 mAh lithium battery runs for five months continuously, which covers even the longest admission without any handling.



Three sizes cover every ward: Adult (BT-W7-ADLT), Child (BT-W7-CHLD) and Infant (BT-W7-INF).

AT A GLANCE

Battery	38 mAh Li · 5 months
Protection	IP67
Identification	NFC 13.56 MHz
Sizes	Adult / Child / Infant
Tamper alarm	Anti-removal strap

A range of use cases

- ✓ Patient identification on admission — tap the band to read the NFC ID.
- ✓ Real-time patient location on the Blyott platform, for the whole stay.
- ✓ Tamper alarm: cutting the strap is flagged and the band cannot be reused.

Order codes

- ✓ **BT-W7-ADLT / -CHLD / -INF** — adult, child and infant size.

All specifications BT-W7

GENERAL

Battery reference	38 mAh lithium battery, non-replaceable
Battery lifetime	5 months continuous
System-on-chip	Nordic NRF52
Location accuracy	Depends on the available Wi-Fi and BLE(*) infrastructure
Identification	NFC 13.56 MHz (ISO/IEC 14443-A)
Button	None - identification and location band
Tamper detection	Tamper alarm - single-use anti-removal strap

(*) 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	Three sizes - Adult (BT-W7-ADLT), Child (BT-W7-CHLD), Infant (BT-W7-INF)
Strap	TPU, skin-friendly
Reusability	Disposable - single patient, single use

CHEMICAL AND MECHANICAL

Protection	IP67
Certificates	CE, FCC, RED and RoHS

BT-W7 · 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