



BC2111 Tag (Asset)

The BC2111 Asset Tag is one of the smallest Ultra-Wideband (UWB) on the market, designed for use with our Indoor UWB Grid tracking solution. It is similar to the BC2111 Lanyard Tag except it is typically installed on an asset, instead of worn by a person.

The tag is contained in a rugged IP67 housing and powered by a small non-replaceable coin cell battery.

It is the longest-lasting UWB tag on the market with an anticipated battery life of four and a half years.



Benefits



BATTERY LIFE

- 4.5 years at 2 second Tx rate
- Non-replaceable coin cell battery



ULTRA-WIDEBAND

- Centimeter-level accuracy
- 7.2 Ghz centre frequency



TOUGH

- Temp range -20°C to $+55^{\circ}\text{C}$
- Rugged IP67 Waterproof and Dustproof



FLEXIBLE MOUNTING

Cable ties, Double-sided tape



BRANDING OPTIONS

Tags can be printed with custom labels or numbering



COMPACT FORMAT

Smallest UWB tag available

For What

- Vehicles
- Tools
- Equipment
- Machinery
- Materials
- Assets

For Who

- Construction
- Oil, Gas, and Mining
- Healthcare
- Education
- Manufacturing
- Warehousing

Works Great With

- Hardware - BlueCats Indoor UWB Grid solution
- Software - Loop Local



Specifications

GENERAL

Form factor Vertical tag

MECHANICAL

Dimensions 51.5 mm(H) × 21.5 mm(W) × 10.5 mm(D)

Weight 7.9 g

Mounting Types Zip tie, Double-sided tape

Enclosure Material Polycarbonate/ABS plastic

POWER

Battery Size CR1632 Lithium coin cell

Battery Capacity 130 mAh

Battery life 4.5 years at 2 second TX Rate

ENVIRONMENTAL

Operating Temperature -20°C to +55°C

Ingress Protection IP65

UWB

Chipset Proprietary

Frequency 6.7 GHz to 7.7 GHz

Antenna Integrated counterpoise antenna

Transmit Power -51.7 dBm

Blink Rates 1 Hz to 30 Hz

Protocols TDOA

CERTIFICATIONS

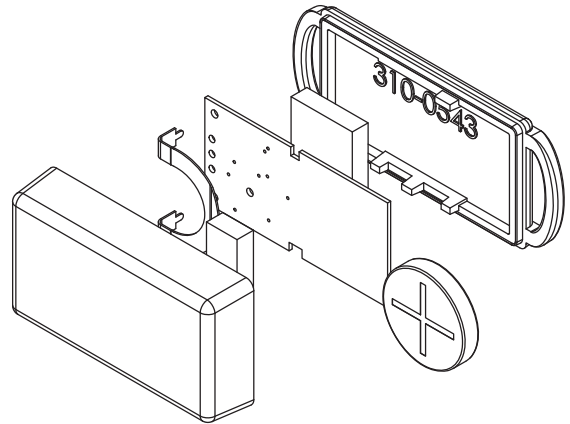
FCC Yes

IC No

CE Yes

RCM No

Dimension Drawings



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