



# 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°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

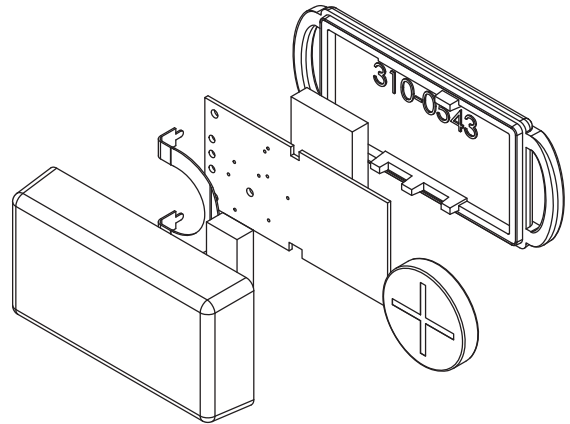
**FCC** Yes

**IC** No

**CE** Yes

**RCM** No

## Dimension Drawings



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