



SafetyTag™

BC2611

Accurate contact tracing and social distance alerts for any workplace

- 30+ days per charge
- Rugged IP66 rating
- Contact charging (no plugs)
- Store 100,000 contact events
- Dual-band: Bluetooth LE & Ultra-Wideband (UWB)
- 100% made in USA

SafetyTags leverage UWB to fine range other tags, alerting personnel when in proximity and logging any contact events.

Bluetooth LE enables offloading of stored contact events, as well as remote settings updates.



Benefits



POWERFUL

- Centimeter-level accuracy
- Store 100K events



VERSATILITY

- Configurable contact distance
- Cloud reporting



BATTERY

- 30+ days on one charge
- Contact charging (no USBs)



REAL-TIME ALERTS

- Haptic and audio feedback
- LED lights indicate status



TOUGH

- Temp range -20°C to +60°C
- Rugged IP66 Water and Dust Resistant



DEVICE MANAGEMENT

- Over-the-air updates
- Device diagnostics

For What

- Contact tracing
- Social distance alerts

For Who

- Any business looking to safely get back to work

Works Great With

- Hardware - BlueCats ProxPoint, Grid Tracking
- Software - BlueCats Loop Cloud, Loop Local
- Mobile & Tablet - Bluetooth LE-enabled iOS and Android devices



Specifications

MECHANICAL

| | |
|--------------------|------------------------------------|
| Dimensions | 110 mm (H) × 75 mm (W) × 15 mm (D) |
| Weight | 200 g (including batteries) |
| Mounting Options | Belt clip, Lanyard |
| Enclosure Material | ABS plastic housing |

POWER

| | |
|------------------|---------------------|
| Battery | Lithium-ion Polymer |
| Battery Capacity | 4500 mAh |
| Battery Life | 40–60 days |

ENVIRONMENTAL

| | |
|-----------------------|----------------|
| Operating Temperature | –20°C to +60°C |
| Ingress Protection | IP66 |

BLUETOOTH LE

| | |
|----------------------|----------------------------|
| Bluetooth Version | 5 |
| Frequency | 2.402 GHz to 2.480 GHz |
| System-on-Chip (SoC) | nRF52833 |
| Tx power | Configurable, up to +8 dBm |
| Protocols | iBeacon, Eddystone |

UWB

| | |
|-----------|--------------------|
| Chipset | DW3110C |
| Frequency | 6.7 GHz to 7.7 GHz |

CERTIFICATIONS

| | |
|-----|---------|
| FCC | Pending |
| IC | Pending |
| CE | Pending |
| RCM | Pending |

Dimension Drawing

