



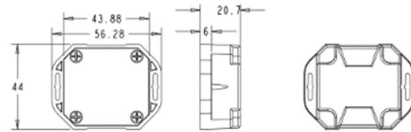
Low Energy RF (BLE compatible) Beacon

Model: AC-BLE-T110



Waterproof and
vandal resistant

Mechanical Specifications



Industrial Grade RF Beacon

The iBeacon-compatible AC-BLE-T110 is specially designed for location-based applications. The beacon can be sensed with speed up to 70km/hr by selected receiver.

Electrical Specifications

- Bluetooth 5 compatible
- iBeacon compatible
- Chipset: Nordic nRF52840
- 256kB RAM, 1MB Flash
- Frequency: 2.4GHz
- Battery type: CR2477 (3V 1000mAh) coin battery for optimal lifetime in compact size
- Programmable setting for different applications
 - BLE 4.2 Advertising or/and Bluetooth 5 Long Range (Coded PHY) mode
 - Transmission range up to 200m (with Long Range Coded PHY)
 - Android management app
- Flexible transmission power and interval
 - Power: -20, -16, -12, -8, -4, 0, +4 dBm.
 - Interval: From 50 to 3,600,000 ms

Environmental Specifications

- Operating temperature: : -25°C to +75°C
- IP68 water & dust resistant
- UV protected
- Material: PC/ABS

Extended Battery Compartment (Optional)

- Attachable extended battery compartment accessory for extra long battery life
- 2 x Type-C 1.5V batteries
- Appr. 5000 mAh
- IP68 compliant
- UV protected
- Material: PC/ABS



Beacon ID Format

iBeacon compatible format including embedded data such as MAC address, name, battery level, power, broadcast interval, G-Force alarm (optional), temperature (optional), humidity (optional), input/output status (for magnetic door switch, water detection) (optional)

