



Low Energy RF (BLE compatible) Beacon Watch

Model: AC-BLE-T110W



Industrial grade RF beacon

AC-BLE-T110W is a RF (iBeacon Compatible) Beacon specially designed for personal safety used. The beacon is embedded with button, LED indicator for emergency status reporting, and G-force sensor to provide alert when Fall or predefined motion magnitude is detected. By bundling with our AC-BW-R120 WiFi-RF Receiver, realtime status can be sent to application server through existing WiFi network

Electrical Specification

- Bluetooth 5 Compatible
- iBeacon Compatible
- Chipset: Nordic NRF52840
- 256kB RAM, 1MB Flash
- Frequency: 2.4GHz
- Battery Type: CR2032 (3V 225mAh) Coin Battery for optimal lifetime and compact size
- Programmable Beacon Power and duration
 - BT4.2 Advertise or/and Long Range (PHY Coded) Mode
 - Transmission range upto 200m (with Long Range Phy Coded)
 - Android management Apps
- Flexible setting for different application
 - Interval: From 50 to 3600000ms
 - Power: -20, -16, -12, -8, -4, 0, +4 dBm.
- More than 18 months battery life
*Using 60000ms advertising interval and -12dBm Power

Beacon ID format

i-Beacon Format include data such as MAC Address, Name, Battery, Power, Broadcast interval, I/O triggered Alarm.

Environmental Specification

Beacon:

- Operating temperature: : -25°C to +75°C
- Size: 53.7 x 43.1 x 13.2mm
- IP66
- Material: PC