

# Low Energy RF (BLE compatible) Beacon with Flood Detection Sensor

Model: AC-BLE-T110F



## Industrial grade RF beacon

AC-BLE-T110F is a RF (iBeacon Compatible) Beacon specially designed for flood detection. The beacon is embedded with digital I/O to detect flood at drainage cover or other point of interest. 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: CR2477 (3V 1000mAh) 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 9999ms
  - Power: -20, -16, -12, -8, -4, 0, +4 dBm.

## Beacon ID format

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

## Environmental Specification

- Operating temperature: : -25°C to +75°C
- IP68
- UV resistance
- Material: PC/ABS

## Extended Battery Compartment

- Attachable extended battery compartment accessory for longer lifetime application
- 2 x C-Type 1.5V batteries
- Appr. 5000mAh
- IP68
- UV resistance
- Material: PC/ABS

