

BLE Asset Tracker

LoRaWAN® and BLE Device for Indoor Asset Tracking

The **BLE Asset Tracker** is an ideal solution for locating, tracking and managing assets in difficult RF environments such as hospitals and medical facilities. This device combines the long range, low power benefits of LoRaWAN® with the universal availability and reliability of Bluetooth Low Energy (BLE). The unit is equipped with an accelerometer to accommodate event-based start-up, minimizing unnecessary battery usage.

The BLE Asset tracker is seamlessly integrated with TEKTELIC's end-to-end IoT solution.

Technical and Functional System Specifications

General System Parameters

Operational Temperature	0°C to +60°C
Ingress Protection	IP30
Size	65 x 24.5 x 26 mm
Battery	1 / 2 AA LTC



LoRa Parameters

RF Power	15 dBm
RF Sensitivity	up to -137dBm (SF12, 125kHz)
ISM Band	All Global ISM Bands
Antenna	Internal
LoRa Device Class	Class A

Regulatory Compliance

Safety	IEC 60950-1 (CE)	
Regulatory	ETSI EN 300 220	
	ETSI EN 301-489-1/-3	
	FCC 15.247	FCC 15.209
	RSS-247	RSS-GEN

Specifications subject to change without notice.

Key Features

- » 15 Year Battery Life (2x Transmissions per Day)
- » Accelerometer
- » Bluetooth Low Energy Functionality
- » Data Transmission via LoRaWAN™ and BLE
- » Optional Temperature and Humidity Sensor
- » All Global ISM Bands
- » Small Form Factor for Diverse Deployments
- » Easily Integrated into LoRaWAN™ Networks
- » Internal Antenna