

# **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	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<sup>™</sup> Networks
- >> Internal Antenna

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TEKTELIC Communications is a premier supplier of best-in-class LoRaWAN® IoT Gateways, Sensors, and Custom Applications. These elements combined provide a powerful end-to-end solution that can be easily, quickly, and cost effectively deployed to address the most demanding IoT challenges.

For more information please visit www.tektelic.com