

# **SPARROW** Enterprise Asset Tracker

## LoRaWAN® and BLE Device for Indoor Asset Tracking

**TEKTELIC SPARROW** is an ideal solution for locating, tracking and managing assets. This device combines the long range, low power benefits of LoRaWAN® with the universal availability and reliability of Bluetooth Low Energy (BLE). The SPARROW can be deployed as both a tracker, or a BLE Beacon for your asset tracking solution

- Hospitals & Medical Facilities
- Multi-Building Campuses

• Retail

- Schools
- Manufacturing Facilities & Warehouses
  - Office Buildings

#### **Technical and Functional System Specifications**

#### **General System Parameters**

Operational Temperature	5°C – 45°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**

- >> 5 Year Battery Life Tracker Mode
- » 16 Month Batter Life Beacon Mode
- >> Accelerometer
- >>> Bluetooth Low Energy Functionality
- Data Transmission via LoRaWAN™ and BLE
- >> All Global ISM Bands
- >>> Small Form Factor for Diverse Deployments
- ➢ Easily Integrated into LoRaWAN™ 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