

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

Retail

Manufacturing Facilities & Warehouses •

Multi-Building Campuses

Schools

Office Buildings

Technical and Functional System Specifications

General System Parameters

Operational Temperature	-40°C to 70°C
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.