

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 +85°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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