

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).

- Hospitals & Medical Facilities
- Retail
- Office Buildings
- Warehouses
- Manufacturing Facilities
- Museums & Libraries
- Multi-Building Campuses
- Schools

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

- » 10 Year Battery Life
- » 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