

KONA BLE and LoRaWAN™ Tracker

LoRaWAN™ and BLE Device for Indoor Asset Tracking

The KONA BLE and LoRaWAN™ 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 KONA BLE and LoRaWAN™ 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	1 / 2 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

- » 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™ Networks
- » Internal Antenna