

# **PELICAN** Asset Tracker

## **Rugged LoRaWAN® and BLE Device for Asset Tracking**

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

- Construction Sites
- Manufacturing Facilities
- Warehouses
- Multi-Building Campuses

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

#### **General System Parameters**

Operational Temperature	-40°C to +85°C
Ingress Protection	IP67
Size	67 x 41 x 32 mm
Battery	C-Cell

#### **Regulatory Compliance**

Safety	IEC 60950-1 (C	E)
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.

#### 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



### **Key Features**

- >> 15 Year Battery Life Tracker Mode
- >> 18 Month Battery 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

#### **BLE Beacon Parameters**

Tx Power	Up to 0 dBm
Battery life	18 Month
BLE Protocols	iBeacon, Eddystone UID, Eddystone TLM

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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