



# **ORCA Industrial GPS Asset Tracker**

## LoRaWAN<sup>°</sup> connected GPS Tracker for Industrial Asset Management

TEKTELIC ORCA is an ideal solution for geolocalizing your assets in the field. This device provides GPS enabled near real-time satellite location tracking with LoRaWAN®.

- Shipping containers
  - **Pallets**
- . **Fleet Vehicles**
- **Industrial Equipment**
- **Railcars**
- **Preventative Maintenance**
- Industrial Transport •
- **Security & Theft Mitigation**

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

#### **General System Parameters**

Operational Temperature	40°C to +85°C
Protection Rating	IP67
Size	195 x 101 x 50 mm
Battery	2 D-Cell Batteries

#### **LoRa Parameters**

RF Power	22 dBm	
RF Sensitivity	-137dBm (SF12, 125kHz)	
ISM Band	All Global ISM Bands	
Antenna	Internal	
LoRa Device ClassClass A and C		

#### **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	



### **Key Features**

- 5 Year Battery Life **>>**
- » Precise GPS
- Data Transmission via LoRaWAN™ **>>**
- **BLE** (Optional) **>>**
- All Global ISM bands 33
- Rugged IP67 Design >>
- Accelerometer 77
- Internal Antenna 33



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UC-Wireless is a leading MEA distributor of best-of-breed communication technology and systems. As part of our comprehensive solutions, we proudly distribute TEKTELIC Communications, a premier manufacturer of world-class LoRaWAN ® IoT Gateways, Sensors, and custom applications. Partnering with TEKTELIC and our other OEMs allows us to deliver enterprise-grade, end+to-end= IoT solutions that are easily, quickly, and cost-effectively deployed across industries to meet even the most demanding IoT challenges. Visit us at uc-wireless.com for more information.