



# TORTOISE

The **Tortoise GPS Tracker** is a **universal asset tracker** designed with **durability and performance** in mind.

Much like its namesake, the **Tortoise**, which is a **slow** but **steady animal** that **lasts** for **years**. The **Tortoise** GPS tracker utilises the latest in IoT technology ensuring it not only compares favorably to competing devices but deploys the latest cost saving technology to offer superior performance at a practical cost point. The device works on Sigfox Network available in over 70 countries and this technology is well suited to be used in the most remote locations, such as regions previously thought impossible to cover with conventional GSM networks. The Tortoise GPS tracker is equipped with a low power Bluetooth radio for easy device configuration and advanced geofence breach technology.

SPECIFICATIONS	SYSTEM ADVANTAGES	PERFORMANCE
<ul style="list-style-type: none"> <li>BLE 5.0</li> <li>Sigfox</li> <li>GPS Receiver</li> <li>Accelerometer</li> <li>AA Lithium Ion Batteries</li> <li>AA LTC Primary Cell Batteries</li> </ul>	<ul style="list-style-type: none"> <li>Dual Battery Configuration</li> <li>Piezo Buzzer</li> <li>Battery Life Indicator</li> <li>Config Setup Wizard</li> <li>2 Year Warranty</li> </ul>	<ul style="list-style-type: none"> <li>Battery life – Up to 2 years with once-hourly updates</li> <li>Battery life - Up to 8 years with once-daily updates</li> <li>IP67 Enclosure Rating</li> <li>2.5-5 Meter GPS Positional Accuracy</li> <li>Class 0 Sigfox Certification</li> </ul>

## APPLICATIONS



Vehicle Tracking



Trailer Tracking



Telecoms Equipment



Manhole Covers



Livestock



Camping



Boating



Hiking

## CERTIFICATION



## FEATURES



## TORTOISE GPS TRACKER IS AVAILABLE AS TWO OPTIONS

### Tortoise Ultra

The Tortoise Ultra is the answer to everyday life, whether you are an adventurous outdoors man or protective father, the Tortoise Ultra will allow you to track all your valuable assets while offering the simplicity of replacing the batteries yourself with off the shelf options.

### Tortoise Serious

Time to get Serious? The Tortoise Serious is a true game changer. With x3 LTC batteries at its heart this Tortoise means business. With an excess of three times the battery capacity of that of the Ultra series, the Tortoise Serious is no joke. With 2 years+ of active hourly updates and up to 8 years of activity tracking at once a day updates, the Tortoise Serious is geared towards giving the hare a steady run for its money.

## INDUSTRIES



Logistics



Telecoms



Conservation



Transportation



Agriculture



Freight



Mining



Leisure

### Sigfox Radio Regions & Frequency's

RC 1: 868,13 MHz	RC 2: 902,2 MHz	RC 4: 920,8 MHz
Class 0	Class 0	Class 0

#### PHYSICAL CHARACTERISTICS:

IP67 Enclosure.		
<b>Height:</b> 1.300in, 35.00mm	<b>Length:</b> 2.705in, 90.00mm	<b>Width:</b> 2.000in, 85.00mm
<b>Weight</b>	<b>Without Battery:</b> 86g	<b>With Battery:</b> 105g

#### BATTERY OPTIONS:

Manufacturer	Part Number	Voltage	Capacity
EVE	ERI4505V	3,6 V	2,6 Ah x3
TADIRAN	SL-360	3,6 V	2,4 Ah x3
SAFT	LS14500	3,6 V	2,6 Ah x3

## FUNCTIONS

- GPS Receiver
- Safe-Guard Geo-Fencing Alerts
- G-Force Threshold Activation
- Battery Life Indicator
- G-force Meter
- Device Configuration done via Bluetooth
- Over the Air Firmware Updates
- Easy Access to Replace Batteries
- Tamperproof Screws

## FEATURES

- NFC for Easy Association
- Integrated Accelerometer
- Piezo Buzzer
- Rugged, Robust and Low-Profile Enclosure
- Magnetic Activation for "On the Go" Activation
- Battery Gauge for Accurate Battery Monitoring
- Configurable Motion Alert

## REGIONS



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