

# OYSTER

3G CELLULAR

## BATTERY-POWERED IP67 COMPACT GPS ASSET TRACKER



The Oyster is a rugged waterproof, cellular GPS tracking device designed for tracking non-powered, exposed assets where super-long battery life is essential.



Cost effective battery powered asset locations for up to 3 years



...and easily switch configuration Over-The-Air including Recovery Mode

**Long battery life**  
**Compact. Simply "place 'n trace"**  
**Robust and weather-proof (IP67).**

### KEY FEATURES

- Up to 3 years once daily location
- Up to 1 year detailed tracking
- IP67 water & dust proof
- Rugged, robust and low-profile
- Integrated accelerometer
- Switch from "locate" to "track" O.T.A.
- Compact & lightweight
- Unauthorized movement alert
- Battery status & Low battery alert

### WORKS FOR...

- Vehicles, Trucks & Trailers
- Boats & Jet-skis, Quad-bikes
- Traffic Signage & Lighting Rigs
- Motorbikes & Scooters
- Generators & Compressors
- Agricultural Equipment
- Shipping Containers
- Caravans & Campervans
- Mining Equipment

### APPLICATIONS

- Non-powered asset tracking
- Vehicle and fleet tracking
- Shipping containers & freight
- Trailers and mobile assets
- Logistics management
- Mining & construction equipment
- Locate & recover lost equipment
- Anchoring and security of assets
- Insurance & logistics applications

# Low cost, long life, IP67 GPS / GLONASS asset location

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## IP67 Waterproof, Dustproof & Rugged

The housing is made of sturdy ABS/Polycarbonate plastic to survive bumps and knocks and is UV stabilized to survive many years in the sun, exposed to weather.

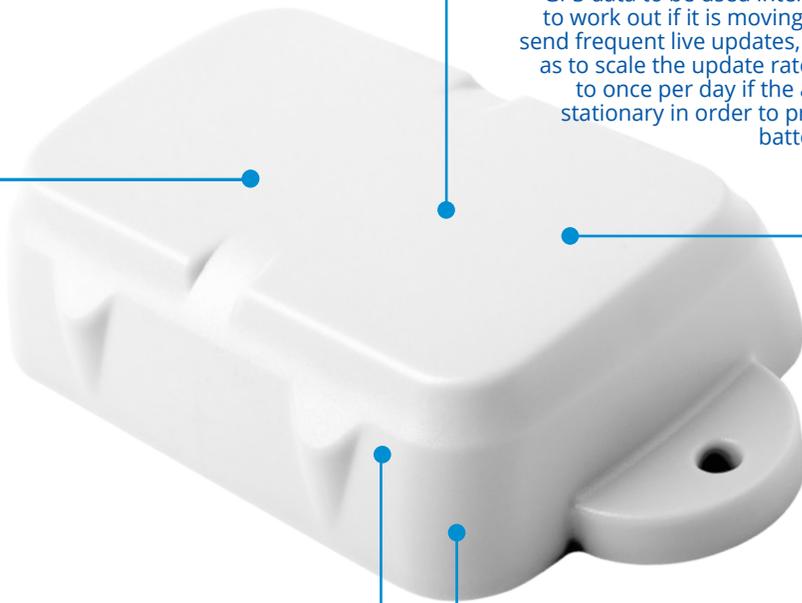
Its low-profile makes it easier to mount in the corrugation on containers or to conceal on the underside of a trailer.

## No Install Required

Simply secure the device in place and begin tracking.

## Adaptive Tracking

Adaptive-Tracking technology enables the accelerometer and GPS data to be used intelligently to work out if it is moving and to send frequent live updates, as well as to scale the update rate down to once per day if the asset is stationary in order to preserve battery life.



## 3D Accelerometer

The 3 axis accelerometer allows the Oyster to 'sleep' in an ultra-low power state yet still wake-up when movement occurs.

## Easy Configuration

The Oyster can have settings remotely changed over-the-air including switching to Recovery Mode allowing for more frequent position updates.

## MECHANICAL FEATURES

Dimensions (inch)	L 5,4 x W 2,8 x H 1,2
Weight	0.35lbs incl. batteries
Housing	ABS/Polycarbonate plastic IP67 rated
Fitment	Screw holes & strap slots
Operating temp range	-4°F to +149°F
For extreme low temperatures. Lithium batteries must be fitted.	

## POWER

Batteries	3 x AA size Lithium 1.5V battery cells only
Sleep Current	5uA (micro-amps)

## CONNECTIVITY

Network	3G (AT&T, Rogers) Frequencies. Micro SIM (2FF)
Configuration	Over-The-Air (OTA)

## GPS TRACKING

GPS Module	High sensitivity Assisted GPS receiver, 72 channel
GPS / GLONASS	Concurrent GPS/GLONASS
Antenna with Low noise GPS amplifier	Boosted by low-noise amplifier (LNA) allows operation in "urban canyons" and container stacks

## SMARTS

Recovery Mode	Switch from Daily Locate to frequent Tracking over-the-air
Easy Setup	By SMS & Over-The-Air
AssistNow Offline	Predicts satellite locations - reduce the time-to-first-fix - improves performance in 'urban canyon' or forested environments
Black box data	The Oyster keeps a log of the last 20,000 positions

## OTHER FEATURES

3D Accelerometer	Enables quick wake and low power operation
Internal memory	Flash   20,000 records

## SIZE COMPARISON

### OYSTER



### REMORA



Other battery powered devices in this range:



Remora

Oyster Sigfox

Oyster LoRaWAN

## APPROVALS

Type	PTCRB, FCC, CE, ICASA, C-TICK
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