

REMORA

BATTERY-POWERED IP67 EASY-INSTALL 3G TRACKING DEVICE



The Remora is a low-profile, rugged 3G GPS device designed for tracking non-powered assets where super-long battery life is required without sacrificing the frequency of updates and accuracy performance.



Locate non-powered or powered assets for up to 5 years



...and easily switch into Recovery Mode Over-The-Air live tracking or asset recovery

***Ultra long-life battery powered.
Simply “place ‘n trace”
No install. Weather-proof. Robust.***

KEY FEATURES

- Up to 5 years once daily location
- Up to 2 years 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

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Ultra long-life low-profile telematics device for long-term deployment of non-powered assets

REMORA

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.

Wireless Tamper Detection

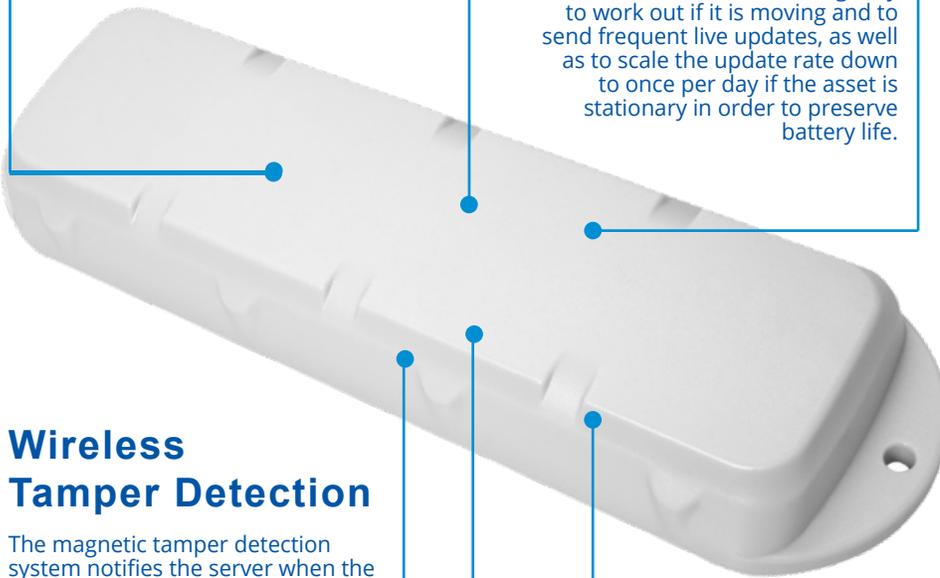
The magnetic tamper detection system notifies the server when the Remora is removed from its asset. Fix the small magnet to the asset and place the Remora over the magnet.

3D Accelerometer

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

Recovery Mode

The Remora can be remotely set to Recovery Mode which reconfigures the device to begin live tracking so that you can quickly and accurately locate your asset.



Other battery powered devices in this range:

MECHANICAL FEATURES

Dimensions (in)	L 8,9 x W 25 x H 1,2
Weight	18 lbs incl. batteries
Housing	ABS/Polycarbonate plastic IP67 rated
Fitment	Screw holes & strap slots
Operating temp range	-40°F to +185°F
For extreme low temperatures the Remora must be fitted with LTC batteries.	

POWER

C-Cell Size Batteries	4 Alkaline batteries or LTC batteries recommended
Sleep Current	5uA (micro-amps)

CONNECTIVITY

Network	3G HSDPA
SIM	Single SIM. 3FF size
GSM Antenna	Cellular antenna tuned by RF laboratories to ensure optimal performance

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 containers

SMARTS

Recovery Mode	Switch from Daily Locate to Live Tracking Over the Air
Auto APN	Analyze SIM and detect APN from pre-loaded list
Text Message Setup	Setup APN, server etc.
Multi-APN on-board	Multiple APN's for roaming
AssistNOW Offline	Predicts satellites locations, reduce time-to-first-fix, improves performance in 'urban canyon' or forested environments
Performance Monitoring	Track how the Remora is using its power with intelligent performance counters. Monitor wakeups, GPS fixes, uploads and more to understand exactly what the device is doing

OTHER FEATURES

3D Accelerometer	Enables quick wake up
Event Sensor	Detect G-Force events
Internal Memory	Flash 50,000 records
Battery flexibility	Use affordable Alkalines or high end LTC's for extreme temperatures and reliability
Magnetic Anti-Tamper	Wireless anti-tamper detects removal of Remora from asset

APPROVALS

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