



OBSCAPE
GPS TRACKER

RIGHT ON TRACK

Floating or rolling assets often represent a significant value and are a crucial component of operational production systems in one way or another. Their floating or rolling nature is crucial for their functionality, but at the same time it can create issues with keeping track of where exactly your valuable assets are located.

Obscape's GPS Tracker is ideally suited for tracking all your valuable floating or rolling assets. When mounted to an existing buoy, vessel or vehicle, it will report position, velocity and heading to the Obscape Data Portal. Real-time fleet monitoring has never been more convenient!

KEY FEATURES

- Automated geo-fencing with email alerts
- Completely wireless
- Real-time data
- Increased reporting frequency when out of range
- Solar powered
- Real-time data up to 4G and satellite
- Multiple mounting options
- Versatile data portal included

DYNAMIC POSITIONING, DYNAMIC TRACKING

The GPS Tracker reports latitude, longitude, velocity, heading and accuracy (HDOP) on standard intervals down to 5 minutes. Active, high update rate in case of breaking geofence (down to 1 minute) makes it easy to track and recover your assets in case of an emergency. In addition, dynamic geo-fencing functionality (snapping to new fence location when position stabilises) makes it easy to manage planned asset relocation operations without having to reconfigure geofences manually.

COMPLETELY WIRELESS

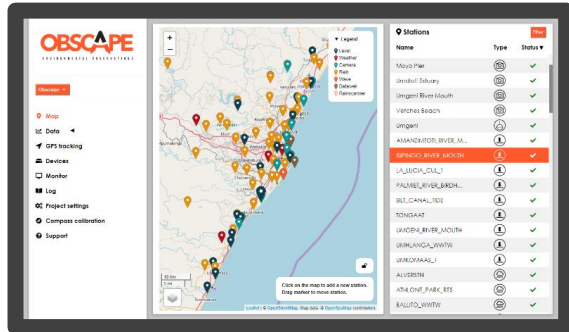
The GPS Tracker is completely wireless. Power is supplied through built-in solar panels, while real-time data is transmitted using a cellular and satellite connection. Therefore, the GPS Tracker is easy to install at any desired location worldwide. There is no need to worry about access to mains power or router internet access. Its wireless nature makes the GPS Tracker very suitable for monitoring of remote areas.

WWW.OBSCAPE.COM

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VERSATILE DATA PORTAL

The value of real-time observations strongly depends on the ability to view and analyse them in real-time. Therefore, the GPS Tracker comes with a license for the Obscape Data Portal. The data collected by your GPS Tracker, as well as the data from any other Obscape device you own, are collected into the Data Portal. The Data Portal offers various options for viewing, managing and downloading your latitude, longitude, velocity, heading and HDOP data, including the generation of PDF reports. It is your ultimate tool to unify the office and the field.



TECHNICAL SPECIFICATIONS

DATA SPECIFICATIONS	
PARAMETERS	Latitude, longitude, velocity, heading, HDOP, battery voltage, cellular signal strength, internal temperature, atmospheric pressure
SAMPLING INTERVAL	1 – 60 minutes (user selectable)
STORAGE	On-board micro SD card

WEB-PORTAL SPECIFICATIONS	
REAL-TIME GRAPHS	Latitude, longitude, velocity, heading, HDOP and additional (status) parameters
DOWNLOADS	Raw data (CSV format), Graphs (PNG), Reports (PDF)
FORWARDERS	JSON API or HTTP post
STATUS NOTIFICATION EMAILS	Online/offline, battery level, geo fence, threshold exceedance

PHYSICAL CHARACTERISTICS	
HOUSING WIDTH	87 mm
HOUSING DEPTH	87 mm
HOUSING HEIGHT	280 mm
HOUSING WEIGHT	2 kg

ELECTRICAL CHARACTERISTICS	
SOLAR PANEL CAPACITY	3W
BATTERY	1 single 18650 lithium battery
NOMINAL VOLTAGE	3.7 V

TELEMETRY SPECIFICATIONS	
COMMUNICATION MODE	GSM 4G with 2G fallback- region and Satellite (Iridium)
REAL-TIME DATA INTERVAL	1 minute – 24 hours (user selectable)
REAL-TIME DATA	Latitude, longitude, velocity, heading, HDOP and additional (status) parameters
GSM DATA LOAD	Approx. 8 kB per message

PURCHASE SPECIFICATIONS	
GPS TRACKER	Purchase includes free web-portal license for the lifetime of the device, 2 x Std. PTM mounting brackets and 1 x SD card.
GSM COMMUNICATION	Optional GSM Global SIM card with 100 EUR of data credit available for purchase. Alternatively Micro SIM card and sufficient data credit to be arranged by user. GPS Tracker can also be run in offline mode (data saved to SD card).

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