

Asset Tracking GPS Tracker

TRACK, LOCATE, SECURE

Floating and rolling assets are essential components of many operations, often representing significant value. However, their mobility can make it challenging. Obscape's **GPS Tracker** offers a reliable solution for real-time tracking of valuable assets. When attached to a buoy, vessel, or vehicle, it continuously reports position, velocity and heading to the **Obscape Data Portal** at intervals as short as five minutes. The **GPS Tracker's** dynamic geofencing functionality allows it to automatically adjust to new asset locations as they stabilize, eliminating the need for manual reconfiguration during planned relocations. In emergencies, such as a geofence breach, it increases its reporting frequency to just one minute, enabling swift recovery.

KEY FEATURES

- 01 Watch Circle:** GPS-enabled functionality that allows you to set a watch circle, ensuring you know where your asset is
- 02 Solar-Powered:** Self-sustaining power source ensures uninterrupted operation
- 03 Reliable Connectivity:** Data transfer via cellular networks ensures seamless access
- 04 Compact & Robust Design:** Durable, weatherproof housing built for tough conditions
- 05 Integrated Data Portal:** User-friendly portal for efficient data management and analysis



PURCHASE INCLUDES

- Free access to the **Obscape Data Portal**
- SATCOM included for continued communication
- Mounting brackets
- SD card - can also be run in offline mode

Optional:

- 1) Cellular global SIM** - Includes €100 of data credit

GPS TRACKER TECHNICAL SPECIFICATIONS



SPECS

HOUSING SIZE	163 mm height (excluding bracket) x 87 mm width x 87 mm depth
WEIGHT	2 kg
PRIMARY POWER SOURCE	Solar-powered, 3 Watt
CONNECTIVITY	Cellular (4G with 2G fallback) and satellite (Iridium)
CELLULAR DATA LOAD	~8 kB per message
SATCOM DATA LOAD	1 credit per message
REAL-TIME DATA INTERVAL	1 minute - 24 hours (User selectable)
BATTERY TYPE	1 x 18650 Lithium-ion battery
NOMINAL VOLTAGE	3.7 V

PARAMETERS

SAMPLE INTERVAL	1 minute - 60 minutes (User selectable)
TELEMETRY DATA QUEUE	During connection outages, a data queue sends data once the connection is restored
DATA	Real-time GPS location
DIAGNOSTIC PARAMETERS	Latitude & longitude, battery voltage, solar panel voltage, signal strength

DATA STORAGE

 CLOUD STORAGE	Free access to the Obscape Data Portal for real-time and historical data, sensor configuration, alerts
 ON-BOARD SD CARD	Data stored to the on-board SD card as a backup - or for cases where data connection is absent

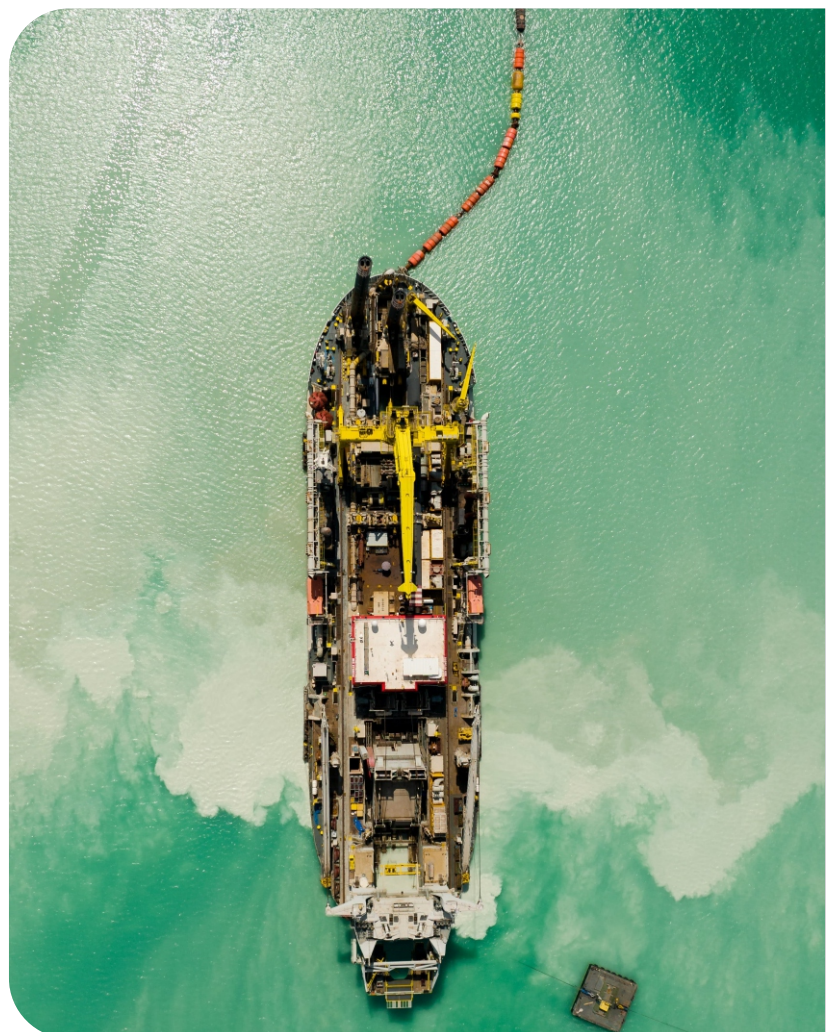
DATA ACCESS

SEAMLESSLY CONNECT FIELD DATA & OFFICE OPERATIONS

- 01 Real-time data:** Latitude & longitude, diagnostic parameters
- 02 Download:** CSV file, graphs, PDF report
- 03 Forwarding:** JSON API or HTTP post
- 04 Notifications:** GPS watch circle, wave height threshold

CONTACT US

E-mail: info@obscape.com
Website: www.obscape.com



WWW.OBSCAPE.COM

Kluyverweg 1, 2629HS Delft, The Netherlands | info@obscape.com