The most reliable ocean surface beacon on the market

IRIDIUM GPS SURFACE BEACON

The Rover X is an independently powered, self-contained satellite transceiver designed to work in the harhest ocean environments. Things don't always go to plan, the Rover X will help track and recover your ocean surface assets anywhere at anytime. Utilizing the Iridium satellite constellation, the Rover X will continuously record its GPS position and transmit it back to you. Packaged in a ruggedized, UV protected, marine grade housing the Rover X makes use of the low power, real time Iridium satellite constellation and GPS to reliably transmit your assets position automatically or on demand.

Key Features

- **Iridium 9603 modem to send accurate GPS locations**
- **Surface rated**
- **User replaceable AA batteries**
- **Up to 2+ years deployment**
- **Can operate on the Xeos Online console**
- **Configuration & setup via smartphone with Bluetooth**

All Xeos products are fully backed by a comprehensive warranty and excellent support. To arrange a demo or to learn more about our products please contact us at the number below.

xeos BY SATLINK

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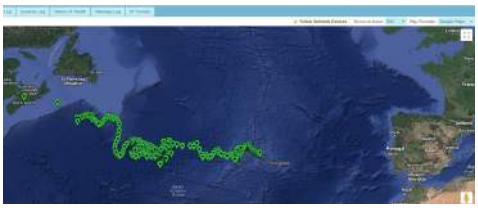
ROVER X

TECHNICAL SPECIFICATIONS*

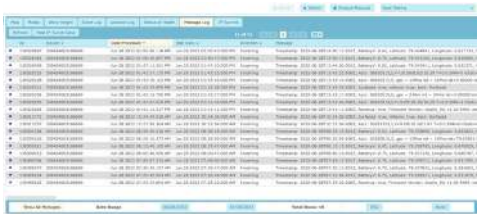
XeosOnline

Xeos Online is a web-hosted application that streamlines and facilitates the management of all your Xeos Iridium devices. A single source for viewing your beacon's messages, locations, and alerts. A command center for altering device settings, notification and alarm management, data collection, analysis, and billing. Xeos Online puts it all at your fingertips. XeosOnline Lite is also available for Mobile access to be in control anywhere.

XeosOnline Mapping Tool



XeosOnline Message Log



Who are we?

Xeos has been designing and manufacturing oceanographic beacons and sensors for over 20 years. Many of our products were designed in colloboration with industry leaders to fit their requirements. If you have a unique product idea that falls within Xeos's expertise, please reach out at the number below.

Functionality

Base Function:	2-way Iridium Communication
Serial Programmable Functions:	GPS location & transmission of data

Electrical

Supply Voltage:	18 AA Batteries (Lithium or Alkaline)
Deployment Length:	Approximately 2 years at 3 hour intervals
GNSS Power Consumption:	150 mW (avg. 30 sec)
Iridium Power Consumption:	1.35 W (avg. 30 sec)
Idle Power Consumption:	1.2 mW

Communication

Iridium:	9603 Modem
GNSS Receiver:	uBlox-Max-8C0
Antenna:	Dual RHCP Iridium patch antennas & independent dual GPS antennas
Local:	Bluetooth Low Energy (BTLE)

Mechanical

Dimensions:	21.41 cm Length x 6.35 cm Diameter (8.43" L x 2.5" Diameter)
Weight:	
With Lithium Batteries	198 g - in water, 875 g - out of water
With Alkaline Batteries	378 g - in water, 1055 g - out of water
Depth Rating:	Surface rated, but can be submerged for short deployments

Environmental

Operating Temperature:	-40° C to +60° C

Compatible with:

Xeos Online Console	Web-based control & tracking
BTLE Android App	Diagnostic and Commands

* Technical Specifications subject to change without notice.

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