

Totally Deep, Totally Global

SELF-CONTAINED SUBMERSIBLE IRIIDIUM MICRO BEACON

The XMi-11K is an independently powered, self-contained Iridium beacon that is fully submersible to 11,000 m (36,089 ft). This beacon has been designed to protect your valuable assets and make their recovery even easier. The XMi-11K features an ultra low power water sensor to optimize battery life while ensuring you will be notified of any surfacing event. The enclosure is all titanium with a solid state surface sensor and an optional remote head.

Key Features

- Miniaturized design in a titanium enclosure
- User selectable transmit frequencies
- Available remote head
- Solid state surface sensor
- Configuration control via smartphone with Bluetooth 4.0
- Low power consumption for extended deployments
- Pole-to-pole coverage through the Iridium system

The XMi-11K is designed to meet or exceed your operational requirements for an ultra deepwater submersible beacon.

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 numbers below.



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XMi-11K



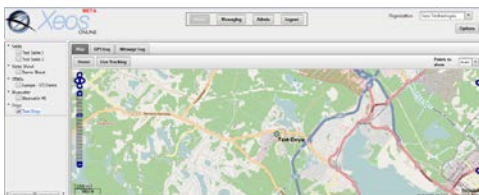
XMi-11K



TECHNICAL SPECIFICATIONS*

Xeos Online

Xeos Online is a web-hosted application that streamlines and facilitates the management of all your Iridium devices. A single source for device management, team setup, notification and alarm management, data collection, analysis, and billing, Xeos Online puts it all at your fingertips. Mobile ready and cross-browser compatible, be in control from anywhere.



XMi-11K with optional remote head

Who are we?

Xeos is a leading technology firm created by visionaries with a passion for excellence. Xeos prides itself on a pioneer mentality, always striving to create superior technological solutions to tracking and monitoring problems. For more information on our COTS and custom developments please contact us at the numbers below.

Functionality

Base Function: 2-way Iridium communication
Programmable Intervals GPS Location & transmission of data

Electrical

Supply Voltage: 6 AA batteries (alkaline or lithium)
or 9 CR123A Lithium batteries
OPTIONAL ENCLOSURE: 7 x CR123A lithium batteries

Power

CR123A: 2 years subsurface, 155 days at surface
AA (LITHIUM): 2 years subsurface, 77 days at surface

Sleep Current

28 μ A

Transmit Current

70 mA (avg. 30 sec)

Communications

Iridium: 9603 Iridium Transceiver

Antenna:

Xeos proprietary antenna, designed to withstand high pressure environments

Local:

Bluetooth Low Energy (BTLE)

Mechanical*

Standard Enclosure

Dimensions 48.92 cm L x 5.08 cm diam* (19.26" L x 2.00" diam)*

Weight 987 g - in water, 1407 g - out of water

Optional Enclosure

Dimensions 42.35 cm L x 5.08 cm diam.* (16.675" L x 2.00")*

Weight 874g - in water, 1253g - out of water

Material:

All titanium with a glass dielectric antenna component

Environmental

Operating

Temperature: - 40°C to + 60°C

Depth Rating:

Submersible to 36,089 ft (11,000m)

Compatible with

Xeos Online Console

Web-based control & tracking

BTLE Android App

Diagnostics and Commands

* Represents maximum diameter of beacon * Flexible battery pack & accessory options available for use with existing couplings

* Technical Specifications subject to change without notice.

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