Totally Deep, Totally Global

SELF-CONTAINED SUBMERSIBLE IRIDIUM 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 on 6' tether**
- **Solid state surface sensor**
- **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.

Xeos Technologies Inc
Data Telemetry Specialists

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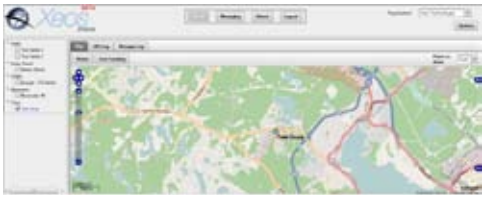
XMi-11K

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 µA
Transmit Current	70 mA (avg. 30 sec)
Communications	
Iridium:	9603 Iridium Transceiver
Antenna:	Xeos proprietary antenna, designed to withstand high pressure environments
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)

* Represents maximum diameter of beacon
* Flexible battery pack & accessory options avbaialbe for use with existing couplings
* Technical Specifications subject to change without notice.

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