

# Totally Deep, Totally Global

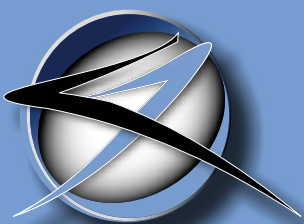
## SELF-CONTAINED SUBMERSIBLE IRIIDIUM MICRO BEACON

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 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.



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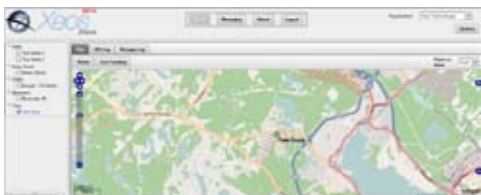
# XMi-11K

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## 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  $\mu$ A

*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 available for use with existing couplings

\* Technical Specifications subject to change without notice.

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