

Totally Deep, Totally Global

SELF-CONTAINED SUBMERSIBLE IRIIDIUM MICRO BEACON

The XMi-2.0 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-2.0 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-2.0 is designed to meet or exceed your operational requirements for an ultra deepwater submersible beacon. All Xeos products are backed by a fully comprehensive warranty and committed support. To arrange a demonstration or to learn more about our products, please contact us at the email or number below.



Xeos *Technologies Inc*
Data Telemetry Specialists

Xeos Technologies Inc. Tel: 902.444.7650
36 Topple Drive Fax: 902.444.7651
Dartmouth, NS, Canada sales@xeostech.com
B3B 1L6 www.xeostech.com

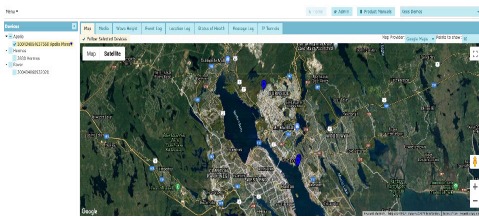


XMi-2.0

XMi-2.0

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-2.0 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.

Xeos Technologies Inc.
36 Topple Drive
Dartmouth, NS, Canada
B3B 1L6

Tel: 902.444.7650
Fax: 902.444.7651
sales@xeostech.com
www.xeostech.com

TECHNICAL SPECIFICATIONS*

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

Sleep Current 30 μ A

Transmit Current 60 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 48.26 cm L x 5.08 cm diam* (19.00" L x 2.00" diam)*

Weight 911 g - in water, 1294 g - out of water

Optional Enclosure

Dimensions 41.28 cm L x 5.08 cm diam.* (16.675" L x 2.00")*

Weight 735g - in water, 1043g - 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.

Xeos Technologies Inc
Data Telemetry Specialists

XMi-2.0 August 2021

