

Track Your Assets Down to 2500m

SUBSURFACE IRIDIUM MOORING BEACON

The **KILO Subsurface Iridium Satellite Mooring Location Beacon** is a self-contained submersible beacon with miniature, Iridium satellite transceiver that is fully submersible to 2500m. The internal, customer replaceable AA battery pack, lasts over a year in deployment. With the KILO oceanographic and environmental instrument mooring professionals have greater control in instantly and accurately locating and recovering high value, free drifting assets at sea.

Key Features

- **Mooring Depth Rated to 2500m**
- **Real-Time GPS Notifications Upon Surfacing**
- **Up to 1 yr Subsurface and 90 Days Transmission**
- **Customer Replaceable Battery Pack**
- **Proprietary Water Sense Circuit for Immediate Notification of Surfacing Event.**
(Optional Tilt Activation)

The **KILO** is designed to meet or exceed your operational requirements for a subsurface mooring beacon. Fully backed by a comprehensive warranty and excellent support you can be confident this is a tool you'll come back to time and time again. To arrange a demonstration or to learn more about our products please contact us at the numbers 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

KILO

KILO

TECHNICAL SPECIFICATIONS



Users can easily replace the commercial batteries in the KILO.

9602 Satellite Iridium[®] Everywhere Transceiver

The Iridium 9602 SBD transceiver, designed to be integrated into a wireless data application with other host system hardware and software, provides a complete solution for a specific application or vertical market.

Key Features:

- Single board transceiver
- Small form factor
- No SIM card
- Designed to be incorporated into an OEM solution
- RoHS compliant

Who are we?

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

KILO Specifications*

Electrical

<i>Battery Supply:</i>	(12) Alkaline AA Cells User Replaceable
<i>Capacity:</i>	2.0 Ampere-Hours
<i>Lifetime:</i>	1 year subsurface followed by 90 days of outbound/inbound surface messages

Mechanical

<i>Dimensions:</i>	11.31" Long x 2.87" Diameter (287.5mm x 72.9mm)
<i>Material:</i>	Delrin
<i>Weight</i>	2.75 kg (Air), 1.55 kg (Water)
<i>Depth Rating:</i>	2500 meters

Environmental

<i>Operating Temp:</i>	- 30°C to + 60°C
------------------------	------------------

Iridium Transceiver

<i>Type:</i>	9602
<i>Frequency:</i>	1616 to 1626.5 Mhz
<i>Antenna:</i>	Proprietary Dual Band Iridium/GPS

GPS Receiver

<i>Type:</i>	48 channel SiRFstarIV, GSD4e GPS chip -163dBm (tracking)
--------------	---

**Specifications subject to change without notice.*

Distributed By: _____

