

# Track Your Assets Down to 2500m

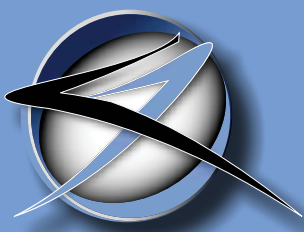
SUBSURFACE IRIIDIUM MOORING BEACON

The **KILO Subsurface Iridium Satellite Mooring Location Beacon** is a self-contained submersible beacon with miniature, cutting edge 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.



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KILO

# KILO

## TECHNICAL SPECIFICATIONS



Users can easily replace the commercial batteries in the KILO-DIO.

### 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.



### 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
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#### 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)
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*\*Specifications subject to change without notice.*

**Distributed By:** \_\_\_\_\_

