

# Looking for seamless remote access to your sensor data?

## GLOBAL ACCESS REMOTE CONTROL DEVICE

The XI-100 terminal provides you with a robust and rugged transmission platform for all your remote sensor data. Any sensor capable of transmitting data via an Ethernet connection can be connected to the XI-100, instantly providing world wide communication capabilities. With the integrated Iridium transceiver the XI-100 is able to transmit emails via the SBD mode or facilitate a high bandwidth peer to peer connection.

### Key Features

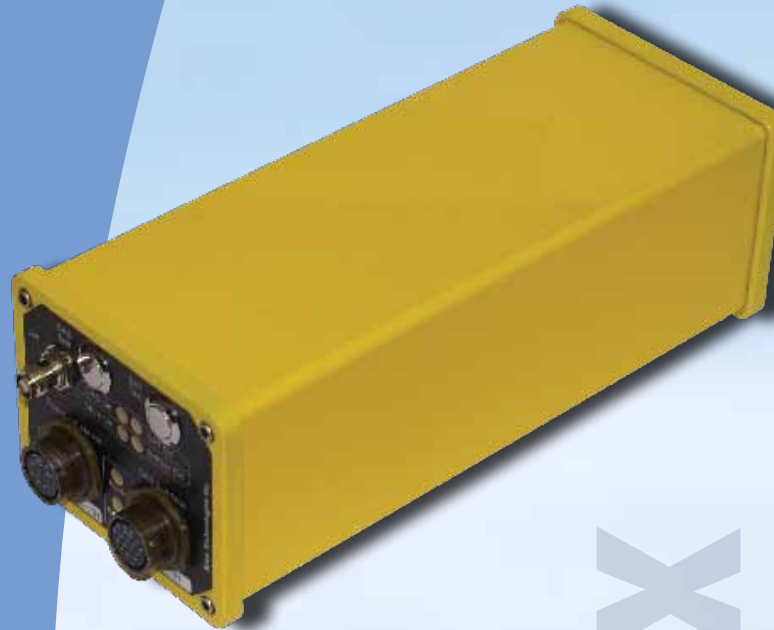
- **Embedded TCP/IP server**
- **View your remote equipment's web pages from your office PC**
- **Control power, download data, view health status**
- **Ethernet enabled**
- **Xeos proprietary heater system modification allows transmissions possible down to -55 deg.**
- **Ultra-Low standby power consumption**
- **Allows continuous circuit switched connections**

The XI-100 is 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



# XI-100

## TECHNICAL SPECIFICATIONS\*



### 9522B Satellite Transceiver

The 9522B is a global satellite transceiver ideal for sending and receiving data from equipment around the globe. Easily integrates into a wide variety of applications through RS232 serial interface and AT command set.

#### Key Features:

- AT command set
- RS 232 Serial interface
- 26-pin IDC connector
- Global coverage
- Enables continuous circuit switched connection
- Connects to small omni directional
- L-band antennas

#### 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.

#### Mechanical

*Size:* 10.75" x 4.25" x 3.5"  
*Weight:* 4 lbs.

#### Electrical

*Sleep* 450 uA  
*SBD message* 150 ma (15s)  
*RUDICS connection (no heaters)* 350 ma  
*RUDICS connection (heaters)* 700 ma

*RUDICS only available on XI-100*

#### Communications

*Iridium Modem:* 9522B Iridium Transceiver  
(see sidebar for additional information)

#### GPS Receiver (optional)

*Type:* Xeos Technologies 12 Channel GPS  
*Antenna:* Active Helical

#### Environmental

*Operational Temperature:* -55 deg C to +60 deg C

\*Technical Specifications subject to change without notice.



#### About Iridium

*Iridium Satellite LLC is the only provider of truly global voice and data solutions with complete coverage of the earth, including oceans and polar regions. The Iridium Constellation of 66 low-earth orbit (LEO), cross-linked satellites, operates as a fully meshed network and is the largest commercial satellite constellation in the world. The Iridium service is ideally suited to real-time maritime emergency applications such as free-drifting subsurface data collection platforms at sea.*



*XI-100 Control Panel*

**Xeos Technologies Inc**

**Data Telemetry Specialists**

XI-100 rev 1.4 August 1.2014

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

