

# Flexible Remote Monitoring plus Command & Control

## MINIATURE GLOBAL REMOTE MONITORING

The XI-202 terminal provides a robust and rugged transmission platform for all your remote sensor data. Any sensor or platform capable of transmitting data can be connected to the XI-202, instantly providing worldwide communication capabilities. With an integrated Iridium transceiver the XI-202 is able to transmit SBD in email or IP mode.

### Key Features

- **Reliable two-way monitoring and control**
- **Wake on input function (trigger or serial port)**
- **SBD reports on multiple timers**
- **Remote configuration of timers and reports**
- **On-board storage of data 8 MB (optional 2 GB)**
- **Output on command to an external relay**
- **Optional GPS (location or timing)**
- **3D accelerometer  
(motion detector - angle estimation)**
- **Optional extreme cold weather operation**

*\*Preliminary. Features and Specifications subject to change*

The XI-202 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.



### Potential Applications

- **Tracking Equipment**
- **Control device for other products & equipment**
- **Perimeter Monitoring device with alarm messages**
- **Generic Data Logger**
- **Robust communication platform for virtually any operation.**



## **Xeos** Technologies Inc **Data Telemetry Specialists**

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# XI-202

## TECHNICAL SPECIFICATIONS\*



### 9602 Satellite 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?

We are 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 telemetry problems. For more information on our COTS and custom developments please contact us at the numbers below.

### Mechanical

<i>Material:</i>	6063 aluminum extrusion
<i>Size:</i>	4" x 3.5" x 1.37"
<i>Weight:</i>	approx. 441g

### Electrical

<i>Sleep</i>	100 uA
<i>Transmission</i>	~50 mA (ave. 30 secs)
<i>Note: All ratings @ 12V</i>	

### Connectors:

<i>Iridium:</i>	Standard TNC jack
<i>GPS:</i>	Standard SMA jack
<i>Power/Relay Controls:</i>	Mil Spec
<i>DAS Interface Cnxn:</i>	Mil Spec

### Communications

<i>Iridium Modem:</i>	9602 Iridium Transceiver (see sidebar for additional information)
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### Inputs/Outputs

3 alarm type (contact closure relay)  
2 switched power

### Interfaces

Serial (2)  
USB (programming and diagnostics)

### GPS Receiver<sup>(optional)</sup>

<i>Type:</i>	Xeos Technologies 12 Channel GPS
<i>Antenna:</i>	Patch type

### Environmental

<i>Operational Temperature:</i>	-50° C to +60° C
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### 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.*

