

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.



Xeos Technologies Inc **Data Telemetry Specialists**

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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.**

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

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

Electrical

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

Connectors:

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

Communications

Iridium Modem: 9602 Iridium Transceiver
(see sidebar for additional information)

Inputs/Outputs

3 alarm type (contact closure relay)
2 switched power

Interfaces

Serial (2)
USB (programming and diagnostics)

GPS Receiver^(optional)

Type: Xeos Technologies 12 Channel GPS
Antenna: Patch type

Environmental

Operational Temperature: -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.

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XI-202 rev 1.8