

Track your assets anywhere on earth.

Applied Satellite Engineering has taken low-cost Short Burst Data (SBD) communications to new heights. Integrated GPS combined with your own text messages and reporting conditions gives you the most powerful and efficient tracking solution available. Connect your own sensors and add them to your reports.

The SBDpro terminal is an extremely versatile and efficient solution for gathering remote data and transmitting it using the Iridium Short Burst Data (SBD) service. The SBDpro monitors and records user-connected switches and voltage inputs, combines this data with built-in GPS data, temperature readings, UTC time, and custom text messages, and securely transmits to your desktop or server application. Status of practically any type of sensor can be transmitted or used as a transmission trigger. You configure the SBDpro to transmit only the data you want at times you want—minimizing airtime costs. The SBDpro is easily configured via a standard e-mail SBD message or through a direct RS232C connection.



Applications

- Remote data reporting and control
- Monitor cathodic protection systems
- Pipeline integrity reporting
- Remote fault reporting
- Track expensive assets for movement and location
- Monitor equipment usage for maintenance programs
- Sonobuoy integration
- Monitor acoustics, temperature, pressure, wind
- Excellent wind farm monitoring and protection applications
- Control remote On/Off features for asset protection
- Uplink data for any remote application
- Automate maintenance programs eliminating costly monitoring programs
- Advanced warning systems - whale monitoring, tsunami, seismic activity, wind burst
- Remote security applications

Features and Equipment

- Utilizes SBD protocol for lowest airtime costs
- Integrated GPS, UTC time and temperature
- User-configurable event reporting
- External sensors can be monitored and reported
- Monitor Voltage, Current, Fault Modes, Low Battery
- Wide range power input: 9 to 32VDC
- Compact, rugged, and water resistant design
- Certifications and approvals (pending):
 - Iridium
 - CE
 - IEC 60945



ASE SBDpro Short Burst Data Terminal

Advanced Features

- Simple text-based configuration scripts get you up and running quickly
- Reporting intervals can range from 15 seconds to 1 year
- Configurable over-the-air or via serial interface
- Tested configuration scripts available for download and editing applications
- Digital and analog input/output interfaces for ultimate flexibility
- Low power modes for battery/solar operation
- Monitor your battery level with one of the analog inputs and send a report when it gets too low

Specifications:

- Length: 5.8 in.
- Width: 2.61 in.
- Height: 1.65 in.
- Weight: 1.0 lb
- Operating temperature range: -30°C to $+60^{\circ}\text{C}$