



Short Burst Data Device SBDpro

With comprehensive functionality, the SBDpro is a global access data tracking and reporting terminal that communicates via the low earth orbit Iridium Satellite constellation using the Short Burst Data (SBD) protocol.

The SBDpro allows low-cost asset tracking and remote data reporting. Integrated time, GPS and temperature modules provide UTC time, global position coordinates, and temperature data. Additional circuitry, switches and sensors can be connected to the SBDpro's versatile digital and analog I/Os allowing custom tailored monitoring applications. All sensors, internal and external, can be used as report transmission 'triggers'. The 'gate conditions' are fully configurable by the user.



Features:

- Global coverage including poles
- Low network latency for quick event notification
- Wide range of values reported
- Ability to send messages to control outputs

Specifications	
Network	Iridium Short Burst Data
Mode of Operation	Always on when line powered
Message Triggers	Time schedule, ignition, movement, speed exception, sensor inputs
Message Contents	GPS co-ordinates, speed, heading, movement, temperature, analogue and digital alarm values
Integrated Motion Sensor	No - movement monitored by GPS
Alarm Inputs	3 x Digital, 2 x configurable (digital or analog)
Outputs	1 x Digital, 1 x Analog
Primary Power Source	External power – 9 to 32V DC
Secondary Power Source	N/A
Battery Life	N/A
Size	67 x 42 x 147mm
Enclosure Rating	N/A - inside installation only