



9602 SBD Modem

SBD9602



USB



Serial
Port



SBD



Beam 9602 SBD Data Modem is a robust data terminal specifically designed to incorporate the Iridium 9602 SBD module with an inbuilt 9-32V DC power supply. It is currently the smallest SBD Modem product on the market.

The terminal connector supports power input, USB & serial data to be used on the modem. The robust enclosure enables the terminal to be used in a wide range of applications.

The Kit comes complete with:

- 9602 SBD Modem
- Power & Serial Data Cable
- 2m USB Cable
- TNC-F to SMA-M coaxial adaptor

Accessories

- ▶ RST710 Fixed Mast Antenna
- ▶ RST715 Magnetic Mount Antenna
- ▶ RST720 Bolt Mount Antenna

Key Features

- ▶ 100% Global Coverage
- ▶ 9 – 32V DC input
- ▶ In-built Iridium 9602 SBD Module
- ▶ USB Data
- ▶ Serial RS232 Data Port
- ▶ Small and lightweight
- ▶ Short Burst Data capable
 - Mobile Originated - 340 Bytes
 - Mobile Terminated - 270 Bytes
- ▶ Simple Installation
- ▶ Signal LED
- ▶ 12 month warranty



Remote
Management



Equipment
Monitoring



Data
Communications



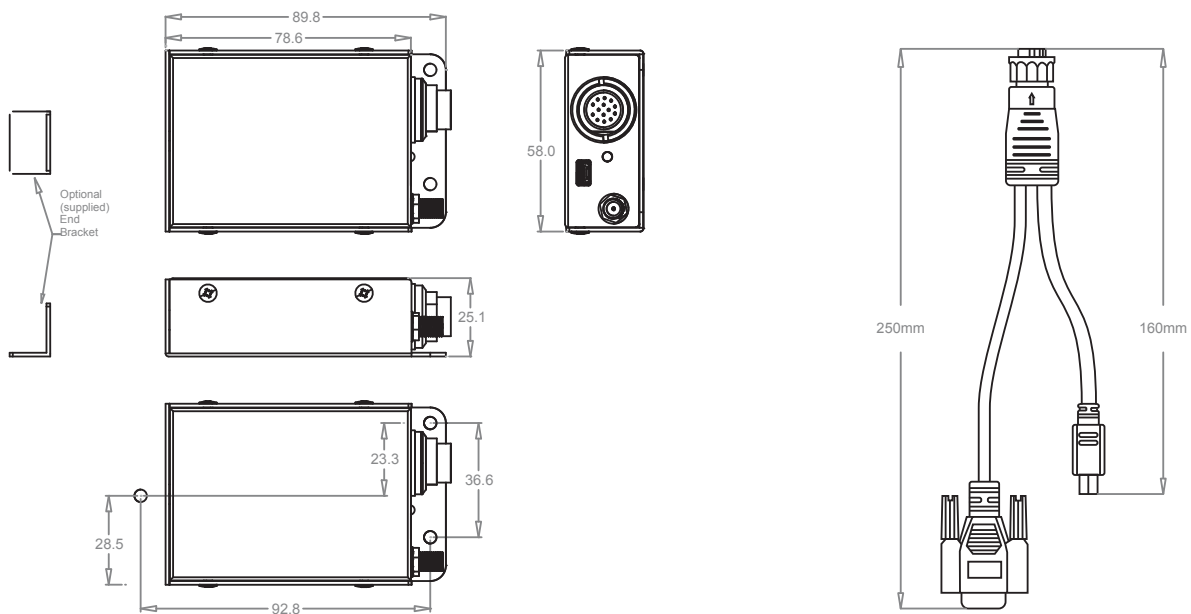
Vehicle/Vessel
Tracking

Technical Specifications

Electrical	
Power	9 - 32 VDC, 1A
Plug-pack (Optional)	100-240VAC 50/60Hz input
Power Consumption	
Idle Average (measured over 5 min with one full message Tx/Rx every minute)	30mA (0.36W at 12V in)
Transmit Mode Peak	125mA (1.5W at 12V in)
Modem Type	SBD Data only
Speed	2400 bps
EMC Compliance	CE
Environmental	
Operating Temperature Range	-40°C to +85°C ambient
Operating Humidity Range	<75% RH
Storage temperature	-40°C to +85°C
Weight	0.25 kg / 0.55 lb
Dimensions	90 x 59 x 25mm

RF Interface (SBD Transceiver)	
Frequency range	1616MHz to 1626.5MHz
Peak Power	7.5W (max)
Average Power	0.95 W (During message transfer)
Standby Power	0.225W
Receiver Sensitivity	-117 dBm at 50 Ohms (typical)
Receiver Spurious Rejection at offsets > 1 MHz (typical)	60 dB
Multiplexing method	TDMA / FDMA
Oscillator stability	±1.5ppm
Input/output impedance	50 Ohms – SMA F Connector

Physical Specification



APPROVED BEAM RESELLER



+61 3 8588 4500



+61 3 9560 9055



info@beamcommunications.com

AFRICA ASIA AUSTRALIA EUROPE MIDDLE EAST NORTH AMERICA SOUTH AMERICA

www.beamcommunications.com