



Short Burst Data Device 9601 Module

The 9601 Short Burst data Module is a cost effective satellite modem for OEM applications providing low latency, global coverage and a return data path for acknowledgements.

The 9601 SBD Transceiver combines the global coverage of the Iridium Satellite Constellation with the low latency of the Iridium Short Burst Data Service (SBD) in a small, low cost, transceiver design. The 9601 is a lower cost Iridium manufactured product designed as an OEM module for integration into applications that use the Iridium Short Burst Data service. Short Burst Data applications are supported through a RS232 interface.



Features:

- Single header connector for power, on/off control, 9 wire RS232 interface and network available indicator
- SMA antenna connector to connect to small omnidirectional L-Band antennas
- Simple AT command interface
- Mobile originated messages up to 340 bytes
- Mobile terminated messages up to 270 Bytes

Specifications

Network	Iridium Satellite Short Burst Data
Frequency	1616MHz – 1626.5MHz
Duplexing Method	TDD (time domain duplex)
Oscillator Stability	± 1.5ppm
Antenna VSWR	1.5:1 (50 ohms)
Multiplexing Method	TDMA/FDMA
Standby Mode	66mA @ 5V (average)
Active Mode	350mA @ 5V (average)
Peak Input Current	1.5A @ 5V
Input Voltage	5.0V DC ± 0.5V DC
Mass	117g
Size	106.4mm x 56.2mm x 13mm
Operating Temperature	-35 °C - +70 °C