

Iridium 9601 Short Burst Data Transceiver Kit

PRODUCT FEATURES:

- Includes a 10m Cable Kit
- Includes Fixed Mount Antenna and appropriate adapters and connectors
- Single header connector for power, on/off control, RS232 9-wire interface, and network availability
- SMA Antenna Connector to connect to small omni directional L-band antennas
- Simple AT Command Interface
- Single board transceiver
- Small form factor

SHORT BURST DATA FEATURES:

- Maximum mobile originated message size up to 205 bytes
- Maximum mobile terminated message size up to 135 bytes
- Low, uniform global latency (less than 1 minute)
- Coverage in areas not served by cellular

SPECIFICATIONS:

- Size: 106.4 x 56.2 x 13 mm (4.19 x 2.21 x 0.51 in)
- Operating Temperature: -30°C to +60°C (-22°F to +140°F)
- Operating Humidity Range: < 75% RH
- Storage Temperature: -40°C to +85°C (-40°F to +185°F)
- Storage Humidity Range: < 93% RH
- Frequency range: 1616MHz to 1626.5MHz
- Duplexing method: TDD (Time Domain Duplex)
- Oscillator stability: ± 1.5ppm
- Antenna VSWR: 1.5:1 (50 Ohms)
- Multiplexing method: TDMA/FDMA
- Main input voltage (nominal): 5.0V DC ± 0.5V DC
- Standard, Iridium certified, antennas may be used with the 9601. Note however that the antenna connector type is different.



The 9601 SBD Transceiver Kit 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. This unit is smaller, lighter, draws less power and costs less than other satellite transceivers. The 9601 is an Iridium manufactured product designed as an OEM module for integration into applications that only use the Iridium Short Burst Data Service. Short Burst Data applications are supported through an RS232 interface. Examples of these solutions include maritime vessel tracking or automatic vehicle tracking.

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