

WT 1900 Satellite Modem



The WebTech 1900 Iridium Satellite Modem provides a global wireless communications solution for reliable fleet management via Iridium's satellite communications constellation and Short Burst Data (SBD) services.

There are unique advantages to using the Iridium system:

- The Iridium system of a constellation of 77 satellites in low-earth orbit (LEO) offers continuous coverage between any two points on the earth's surface.
- Iridium's satellites are not subject to the limitations of geosynchronous satellite systems that require an unobstructed view to a fixed satellite location on the horizon, for which buildings, vegetation, and terrain may obstruct.
- Iridium communication is not hindered by ground station location since data can be relayed between satellites
- Iridium satellites pass continuously throughout the sky, and the WebTech locator needs only see one of the satellites in any part of the sky in order to successfully communicate.

Benefits - Experience the WebTech Difference

- Reliable reporting of vehicle location and status for fleet management and logistics applications
- Continuous monitoring assets at all times globally, on land and sea
- Improved personnel location and safety status
- Enhanced security of hazardous goods shipments with location and safe status.
- Flexibility in tracking as the WebTech Locator automatically switches between GPRS and satellite communications when outside of cellular coverage.

Features - Get the WebTech Edge

- Least cost routing between satellite and GSM
- Based on the Iridium 9601 Short Burst Data Only Transceiver
- Connects directly to WebTech Locator Serial port
- Works with either WT6000 aux serial port in dual mode or WT5000 serial port in single mode (Iridium) only
- Global operating capability where Iridium services are provided
- No roaming charges over satellite network

Specifications

- SMA satellite antenna connector
- RS232 DB9 serial interface and cable
- Operating Temperature -30° to 60° C
- Storage Temperature -40° to 85° C
- Frequency Range: 1616 to 1626.5 MHz
- Supply Voltage: 9-36 VDC
- Certification: FCC/CSA/IC/CE
- Network Supported: Iridium Short Burst Data
- Physical Specifications: Dimensions: 175x100x400 mm / Weight: 600 gm
- Power specifications: Off: 0.4 mA
Idle: 48 mA
Transmit/Receive: 400 mA average
- Environmental: Shock 1 drop - En/1Ec 60068
- Connectors: Power WebTech Wireless Inc.
- Included: Installation guide/power cable
- Accessories: Iridium antenna (sold separately)

Contact a WebTech sales representative today for a personal live demo. Call 1.866.287.0135 or email sales@webtechwireless.com