



UnatSolar

Power and communication beyond borders

The SABRE Remote is a dual purpose class 3 BGAN terminal. It can be a user terminal with a MMI interface or used for SCADA applications. It has an enhanced firmware which can provide reliable continuous 24/7 operations and connectivity with the BGAN network. The SABRE shield provides protection to the SABRE Remote so that it can be installed outdoors for all weather conditions.



FEATURES

- Simultaneous voice & data communications
- Data rate of up to 384 kbps
- Built-in Ethernet, Bluetooth and Analog Phone interfaces
- Supports voice, email, messaging, VPN, FTP, VoIP, FaIP and video media streaming
- Designed for the non-technical user
- Swiveled antenna mount facilitates easy pointing
- Built-in menu driven graphical user interface for use without a laptop
- Light weight, robust and reliable
- Wide range of accessories to meet your needs

The SABRE I has built-in Class 1 Bluetooth module which allows you to have wireless connectivity, up to 100m with other Bluetooth devices, such as Bluetooth headset, laptops and PDAs .

Comprehensive Data and Voice Interfaces.

The SABRE I come with built-in Ethernet {LAN, Bluetooth and RJ11 phone interfaces. You may connect up to two of the data interfaces at any time.

Successful large scale deployment and application

During the Brazilian election that was held in 2008, one thousand and two hundred SABRE I are used simultaneously and they performed perfectly. This was the single largest scale of BGAN terminal usage to date.

Rugged and Easy to Use



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Technical Specifications:

Frequency Band

Receive: 1525MHz-1559MHz

Transmit: 1626,5MHz-1660,5MHz

Antenna

Type: Built-in patch antenna

Bearer Data Rate

Receive: 384 kbps (max)

Transmit: 240 kbps (max)

GPS Air interface

Integrated GPS receiver and antenna

Streaming IP

32 kbps, 64 kbps

Ethernet / Lan

1 x RJ45 Ethernet Port

Phone

1 x RJ11 Analog Phone Port

Bluetooth

1 x integrated access point (ver 1.2 Class 1)

Application Support

VPN Client, VoIP, FoIP, MPEG streaming, Email, Messaging, Conferencing, Web Browsing

Operating System Support

Windows 2000, XP

Mac OS 10,1 & above

Redhat 6,0 & above

Environmental

Operating Temp: -20 degrees C to +60 degrees C

Charging Temp: 0 degree C to +45 degrees C

Operating Humidity . 95% (non-condensing at 40 degrees C)

Storage Temp: -40 degrees C to +80 degrees C

Storage humidity: 5% to 95% (RH)

Water & Dust: IP54

Battery

Type: Litium ion

Transmit time: 1 hour continuous transmission at data rate <=72kbps

Receive time: 3 hours continuous receive without transmit requirement

Standby time: 12 hours (typical)

Electrical

DC input: 15VDC (power adapter), 12-28 VDC (car charger)

Power Consumption

Standby: 4 watt



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