

SABRE™ I

Satellite Broadband Communicator

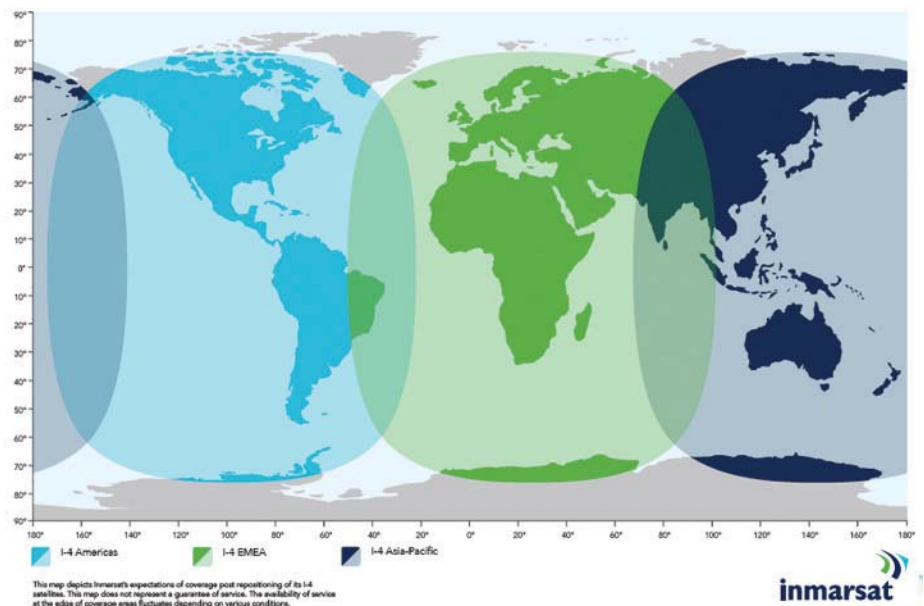


The SABRE™ I brings high-speed office grade communications to your briefcase, anytime, anywhere. It is a simple to use, sub-laptop sized, fully self-contained satellite terminal. With the easy-to-carry SABRE™ I in your travel kit, you are always in touch. It was used successfully in the 2008 Brazilian election and the 2010 Philippines election.

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, FoIP 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

BGAN Coverage



New Generation Communications Network

The SABRE™ I enables personal broadband communications by connecting with Inmarsat's 3G compatible, Broadband Global Area Network (BGAN). BGAN is supported by the revolutionary new Inmarsat-4 satellite system.

Wireless Connectivity - Freedom to Move Around

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 the Bluetooth handset (SB1/BCP1000), Bluetooth headset, laptops* and PDAs*.

*Laptops and PDAs with built-in Bluetooth module or used with Bluetooth USB dongle.

Comprehensive Data and Voice Interfaces

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

Successful large scale deployment and application

During the Brazilian election that was held in 2008, 1200 SABRE™ I were used simultaneously and they performed perfectly.

In the 2010 Philippines election, the first national electronic election in Philippines history, 5500 SABRE™ I were deployed across the country. It is the largest deployment of BGAN terminals in a single project with more than 1400 SABRE™ I transmitting simultaneously during the peak period.

Rugged and Easy to Use

The strong casing of the SABRE™ I allows it to withstand the toughest of environments and its swiveling hinge, makes positioning the SABRE™ I easy.

There are four ways to operate the SABRE™ I: the LCD panel on the terminal, BGAN LaunchPad or Web Console on a running laptop or Wideye Bluetooth Handset.

Best Value BGAN Terminal

The SABRE™ I is a robust, easy to use terminal offering flexible interface options. All packaged in a ready-to-go kit complete with adapters and power cords making SABRE™ I the best value BGAN terminal.



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wideye™

liberating communications

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

Microsoft Windows 2000, XP,
Mac OS 10.1 & above
Redhat 6.0 & above

Environmental

Operating Temp: -20°C to +60°C
-4°F to 140°F
Charging Temp: 0°C to +45°C
+32°F to +113°F
Operating Humidity: 95%
(non-condensing at 40°C or +104°F)
Storage Temp: -40°C to +80°C
Storage Humidity: 5% to 95% (RH)
Water & Dust: IP54

Battery

Type: Lithium ion
Transmit Time: 1 hour continuous transmission
at data rate <= 72kbps
Receive Time: 3 hour continuous receive
without transmit requirement
Standby Time: 12 hours (typical)

Electrical

DC Input: 15 VDC (power adapter)
12 ~ 28 VDC (car charger)

Power Consumption

Standby: 4 W
Operating: 22 W (without charging)
42 W (with charging)

Power Adapter

Input: 100 ~ 240 VAC, 47 ~ 63 Hz
Output: 15 VDC

Weight

1.65 Kg / 3.63 lbs

Dimensions

259 x 195 x 58 mm
10.10 x 7.67 x 2.28 in

Certificate of Compliance

CE
FCC
IC (Industry Canada)
Bluetooth
IDA
GMPCS-MoU, ITU Registry
Inmarsat TA
RoHS
IP54

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