

SABRE™ I

Satellite Broadband Communicator

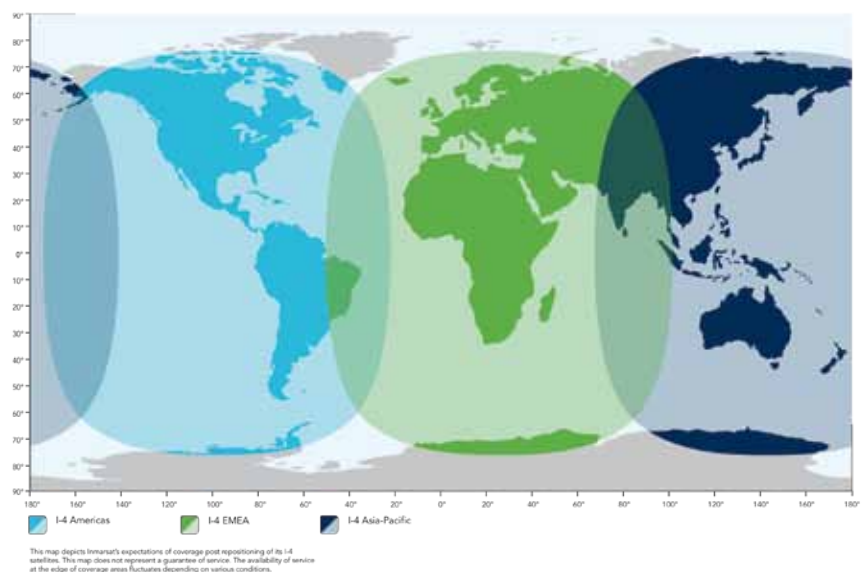


The SABRE™ I brings high-speed office grade communications to your briefcase, anytime, anywhere. It is a simple to use, sub-laptop sized, fully self-contained satellite terminal. With the easy-to-carry SABRE™ I in your travel kit, you are always in touch. It was used successfully in the 2008 Brazilian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

FEATURES

- Simultaneous voice & data communications
- Data rate up to 384 kbps
- Built-in Ethernet and Analog Phone interfaces
- Supports voice, email, messaging, VPN, FTP, VoIP, FoIP and video media streaming
- Designed for 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 that meet your needs
- Wi-Fi supported (by 3rd party external wireless router)

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.

Comprehensive Data and Voice Interfaces

The SABRE™ I comes with built-in Ethernet / LAN and RJ11 phone interfaces. You may connect two interfaces simultaneously.

With a 3rd party external Wi-Fi router, SABRE™ I is also capable of providing wireless access.

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.

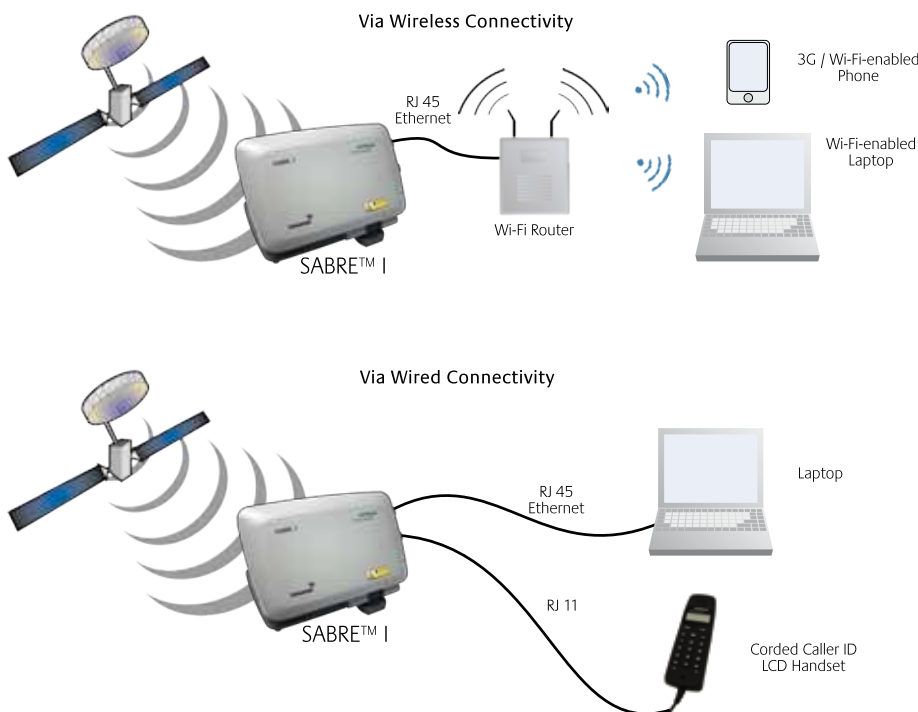
Rugged and Easy to Use

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 three ways to operate the SABRE™ I: the LCD panel on the terminal, BGAN LaunchPad or Web Console on a running laptop.

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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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

Application Support

VPN Client, VoIP, FoIP, MPEG Streaming, Email, Messaging, Conferencing, Web Browsing.

Operating System Support

Microsoft Windows
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

Idle: 4 W
Receive: 6 W
Transmit: 22 W

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

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