

SABRE™ I

Satellite Broadband Communicator

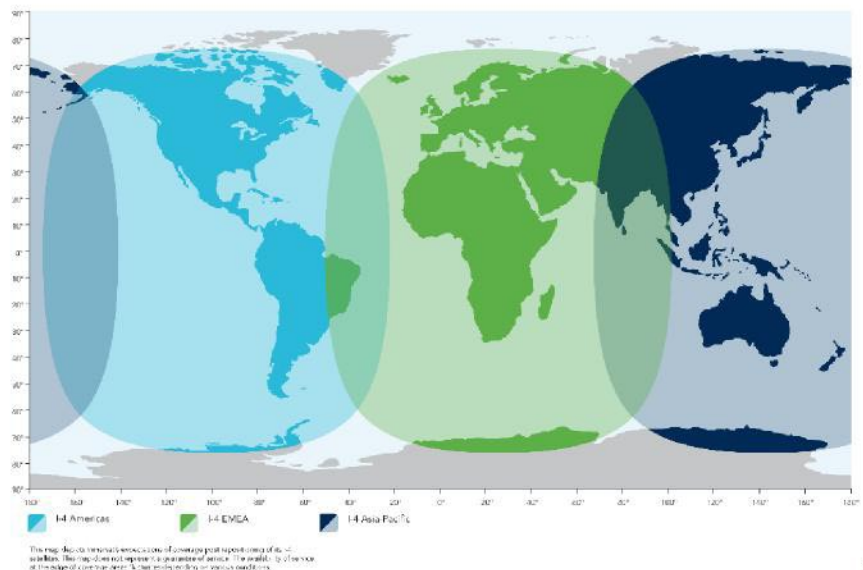


The SABRE™ I brings high-speed office grade communications to your briefcase, anytime, anywhere. It is a simple to use, sub-laptop sized, fully self-contained satellite terminal. With the easy-to-carry SABRE™ I in your travel kit, you are always in touch. It was used successfully in the 2008 Brazilian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

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 headset (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, 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.

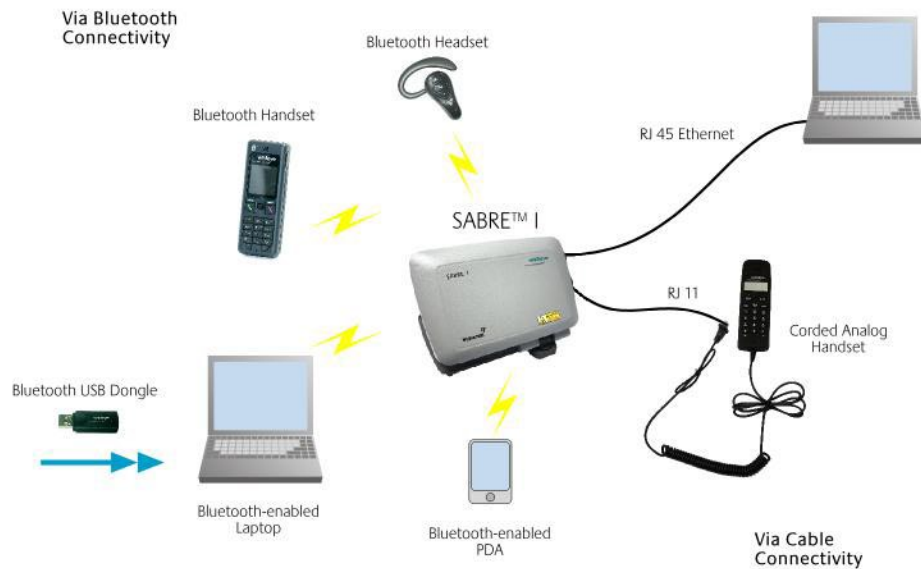
Rugged and Easy to Use

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.



addvalue enabled Addvalue Communications Pte Ltd, 190 Changi Road, #02-02 MDIS Building, Singapore 419974. Tel: +65 6342 5425, Fax: +65 6342 5426, Website: www.addvaluetech.com

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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	
	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
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