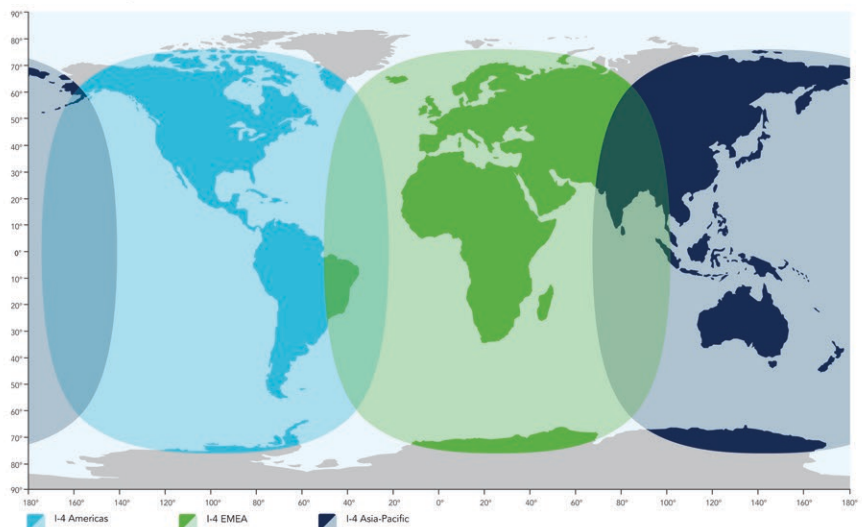# SABRE™ I

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 BGAN Land Portable satellite terminal. With the easy-to-carry SABRE™ I in your travel kit, you are always in touch. SABRE™ I provides simultaneous access to clear digital voice, high-speed data and SMS. It was used successfully in the 2008 and 2012 Brazilian elections, Congo election in 2011 and the 2010 & 2013 Philippines elections.

FEATURES

- Simultaneous voice, data communications and SMS
- 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 easy 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

I-4 Americas   I-4 EMEA   I-4 Asia-Pacific

This map depicts Inmarsat's expectations of coverage post repositioning of its I-4 satellites. This map does not represent a guarantee of service. The availability of service at the edge of coverage areas fluctuates depending on various conditions.

inmarsat.com

inmarsat

New Generation Communications Network
The SABRE™ I enables personal broadband communications by connecting with Inmarsat's 3G compatible, Broadband Global Area Network (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 access both 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. Similar results were seen in the 2013 Philippines election where even more SABRE™ I terminals were used.
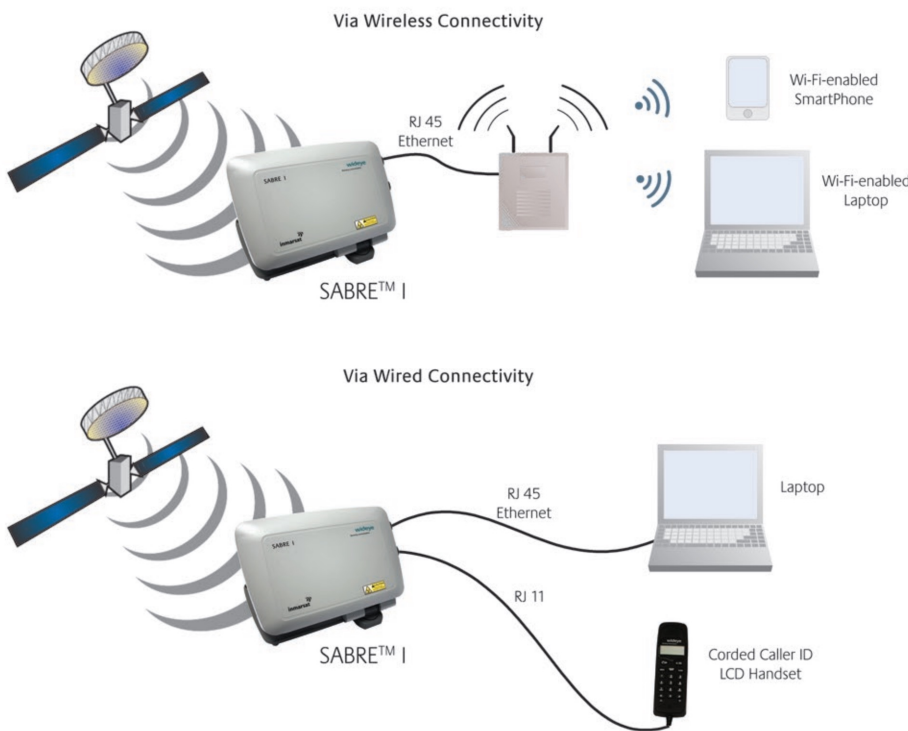
Rugged and Easy to Use
The strong casing of the SABRE™ I allows it to withstand the toughest of environments and its swiveling hinge makes positioning the SABRE™ I easy.
There are three ways to operate the SABRE I: the LCD panel on the terminal, BGAN LaunchPad or Web Console on a connected laptop.

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

Via Wireless Connectivity

Via Wired Connectivity

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

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

Operating System Support
Microsoft Windows
Mac OS 10.1 & above
Redhat Linux 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
Water & Dust:	IP54

Battery
Type:	Lithium ion
Transmit Time:	Approx. 1 hour 20 mins continuous transmission at data rate <= 72kbps
Receive Time:	Approx. 4 hours continuous receive without transmit requirement
Standby Time:	Approx. 15 hours (typical)

Electrical
DC Input:	15 VDC (power adapter)

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

Optional Accessories
In-vehicle Charging Adaptor (SB1/AMC20)
Corded Caller ID handset (SB1/AH200)
Canvas Carrying Case (SB1/CCASE10)

Certificate of Compliance
Inmarsat Type Approval
CE
FCC
IC (Industry Canada)
IDA
GMPCS-MoU, ITU Registry
RoHS2
IP54