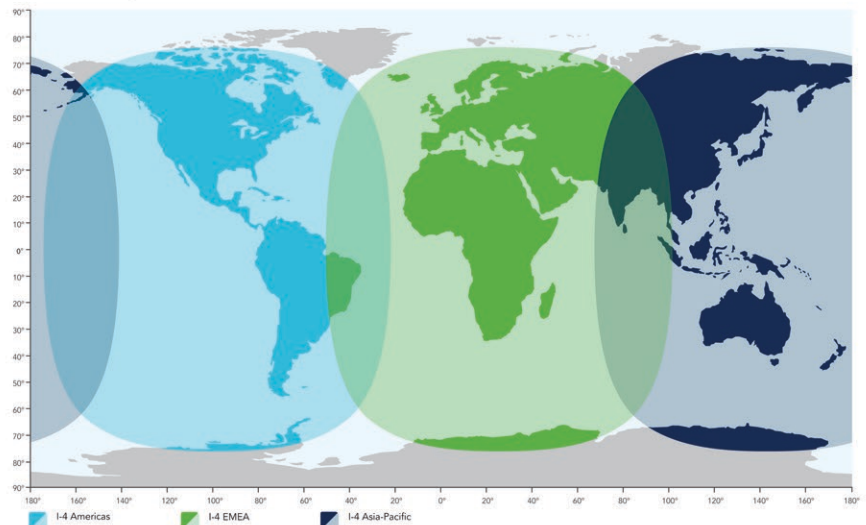# SABRE™ I

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

www.wideye.com.sg

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.
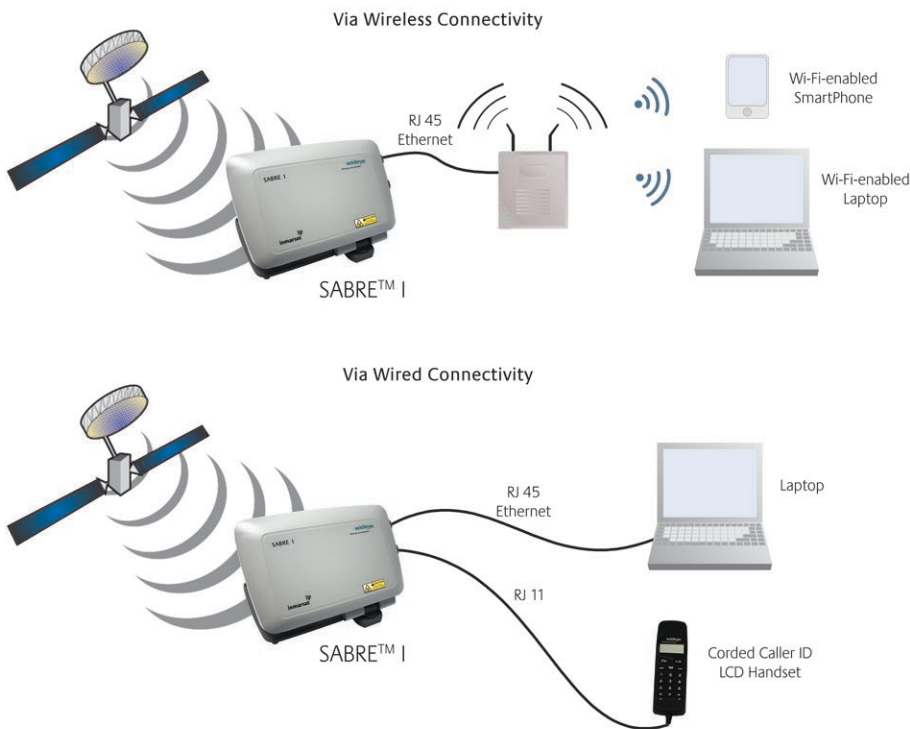
Rugged and Easy to Use
The strong casing of the SABRE™ I allows it to withstand the toughest of environments and its swiveling hinge makes positioning the SABRE™ I easy.
There are three ways to operate the SABRE™ I: the LCD panel on the terminal, BGAN LaunchPad or Web Console on a connected laptop.

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

RJ 45 Ethernet

Wi-Fi-enabled SmartPhone

Wi-Fi-enabled Laptop

SABRE™ I

Via Wired Connectivity

RJ 45 Ethernet

Laptop

RJ 11

SABRE™ I

Corded Caller ID LCD Handset

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