Wideye SABRE™ 1

Terminal specification

wideye™   **inmarsat**

➜ Inmarsat's Broadband Global Area Network service – BGAN – is accessible via a small, lightweight, satellite terminal, which is quick to set up and easy to use. And you can use the same device worldwide.

A range of terminals is available, providing performance options to suit different operational needs. The service is accessed via BGAN LaunchPad, a software interface, which is standard across all terminals.

Voice and data, single-user device

The SABRE™ I combines a robust, compact design with performance and optimal flexibility. It is equipped with a range of common interfaces, providing connectivity options in the field and the swivelled antenna facilitates rapid and easy pointing for a satellite connection. Combined with its sub-laptop size, the terminal is ideal for single users who need to set up a complete broadband mobile office in frequently changing locations.

Applications

- **Remote access** – high-speed access to your corporate network, as well as company and customer information.

- **Internet access** – access the internet at speeds up to 384kbps.

- **Email** – send and receive email via the internet or email applications.

- **Telephony** – make phone calls at the same time as accessing data applications.

- **Streaming** – select guaranteed quality of service up to 64kbps on demand eg. for video, audio.

- **File transfer** – send and receive large files.

- **Store and forward** – save and send files eg. video.

Key benefits

Ultimate portability – at around half the size of a laptop, it is one of the smallest and lightest terminals in the range.

Simultaneous voice and broadband data – access your data applications and make a phone call at the same time using the SABRE™ I.

Highly flexible – The terminal can be connected to a laptop via the Ethernet port or wirelessly via Bluetooth.

Global coverage – provides service anywhere within the BGAN coverage area.

Easy to use – You can easily access the service using the intuitive icon-based BGAN LaunchPad on your laptop.

Robust – the strong casing means the SABRE™ I can withstand the toughest of environments.

Completely secure – connect seamlessly via your preferred VPN application.

Broadband for a mobile planet™

Physical characteristics

Weight	< 1.65kg (3.63lb)
Dimensions	Length: 259mm (10.20in) Width: 195mm (7.67in) Depth: 58mm (2.28in)

Interfaces	RJ-45 Ethernet port
	RJ-11 phone port
	Bluetooth
	- Supported profiles:
	  - Cordless handset
	  - Headset
	  - Serial port

User access	Via activated 3G compatible SIM card
User interfaces	
PC	BGAN LaunchPad Built-in web interface
On terminal	Audio and LCD pointing aids

Power

DC input	15 – 20 VDC (power adapter and car charger)
Power adapter	Input 100 – 240 VAC, 47 – 63Hz Output 15 VCD
Battery type	Lithium ion
Typical use	Transmit time: 1 hr continuous transmission at data rate <= 72kbps Receive: 3 hrs when receiving only Stand-by time: 36 hrs
Battery type	Lithium-ion. Rechargeable

Tolerances

Operating temperature	-20°C to +70°C (-4°F to +140°F)
Charging temperature	0°C to +45°C (+32°F to +113°F)
Operating humidity	95% non-condensing at +40°C (+104°F)
Storage humidity	5% to 95% (Relative humidity)
Water and dust	IP 54 (dust and spray proof in all directions)

Supported operating systems

Operating system	Microsoft Windows 2000, XP Mac OS 10.1 and above Redhat 9.0 and above

Data capabilities

IP data	
Standard IP	Background class of service Send: Up to 240kbps over a shared channel Receive: Up to 384kbps over a shared channel
Streaming IP	Guaranteed quality of service Send: 32, 64kbps Receive: 32, 64kbps
SMS	640 characters via web interface

Voice capabilities

Voice	4kbps
Supplementary services	Voicemail Call forwarding Call barring Call waiting Call holding

Accessories

Bluetooth handset	Bluetooth v1.2 100m range (Class 1) 1.5" LCD CSTN 64K colour LCD 2 x 1.2V 3⁄4 AAA Ni-MH 500 mA rechargeable battery pack or 2 x 1.5V AAA LR03 alkaline batteries	O
Corded analogue handset	Basic PSTN phone functions In-use backlit LED RJ-11 connector	O
Cable pack	IP 54 6P4C RJ-11 telephone cord (1.8m) IP 54 8P4C RJ-45 CAT.5 network cable (1.5m)	S
Power cords	2-pin Euro-type 2-pin US-type 3-pin UK-type	S
Primary battery pack	10.8A, 2250mAH 208 x 26 x 25mm	S
AC/DC power adapter	Input: 100V - 240V, 50 - 60Hz, 1.2A Output: 15V, 2.8A	S
Solar panel	15V - 20V, 2.0A 2kg	O
Second battery pack	16V, 6000 mAH 230 x 165 x 14mm	O
In-vehicle charging adapter	Input: 10V - 28V, 3A Output: 15V, 2.8A	O
Hard carrying case	Internal 501 x 279 x 193mm External 559 x 351 x 229mm	O
Canvas carrying case	Sling and back-pack 377 x 377 x 127mm	O

Ⓢ Standard Ⓞ Optional

How to buy

The Wideye SABRE™ I is available from distribution partners in Europe, Africa, the Middle East, Asia, North and South America. Visit www.wideye.com.sg to select the distribution partner nearest to you.

About Wideye

Wideye™ is a brand owned by Addvalue Technologies Ltd ('Addvalue'), a listed company on the mainboard of the Singapore Stock Exchange. Established in 1994, Addvalue is a leading digital, wireless and broadband communications solutions provider for the satellite telecommunications, home networking, digital wireless and broadband connectivity industries. Its clients and business partners are global leaders in the communications, information technology and electronics industries.

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