

Inmarsat's Broadband Global Area Network service – BGAN – is accessible via a small, lightweight, satellite terminal, which is easy to carry, quick to set up and simple 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.



EXPLORER™ 500

High bandwidth, highly portable device

The Thrane & Thrane EXPLORER™ 500 combines exceptional performance with portability. It meets the needs of the most demanding business traveller for remote, high-speed access to corporate networks. It is also suitable for small teams who need to set up a temporary office.

Applications

- **Remote access** – high-speed access to your corporate network, enabling access to company and customer information.
- **Internet access** – access the Internet at speeds up to 464kbps.
- **Email** – send and receive email via the Internet or email applications.
- **Telephony** – make phone calls via a peripheral handset at the same time as accessing data applications.
- **Streaming** – select guaranteed quality of service up to 128kbps on demand, e.g. for video, audio.
- **File transfer** – send and receive large files.
- **Store and forward** – save and send files e.g. video.

Key benefits

Simultaneous voice and broadband data – access your data applications and make a phone call at the same time – via a Bluetooth handset or a standard desktop phone. Also supports streaming IP at speeds up to 128kbps for applications requiring guaranteed quality of service.

Highly portable – smaller than a laptop, the EXPLORER™ 500 represents the ultimate combination of portability and performance.

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

Easy to use – simply plug in a phone or laptop, or connect using the Bluetooth interface, point the antenna towards the Inmarsat satellite and you are online.

Highly flexible – caters both to individual users and small teams on the move. Supports circuit-switched and IP packet data via standard LAN, USB, Bluetooth and phone/fax interfaces.

Very robust – splash and dust-resistant.

Completely secure – connect seamlessly via your preferred VPN application.

Physical characteristics

Weight	<1.5kgs (<3.3lbs)
Dimensions	Length: 217mm (8.5") Width: 217mm (8.5") Depth: 52mm (2.0")
Interfaces	USB Ethernet Bluetooth (up to 100m) <ul style="list-style-type: none"> - Supported profiles -Service discovery application -Serial port -Dial-up networking -LAN access -Cordless telephony RJ11
User access	Via activated 3G compatible SIM card
User interfaces	
PC	BGAN LaunchPad Built-in web-server
On terminal	Terminal control buttons and LCD

Power

Power supply	AC/DC
External power	15 Volts DC, 100-240 Volts AC (47-63Hz)
Battery life	Transmit: 1.5 hours at 144kbps Stand-by time: 36 hours
Battery type	Lithium-ion. Rechargeable
Input voltage	10-16 Volts DC

Tolerances

Ambient operating temperature	
Powered from external DC	-25°C to +55°C (-13°F to +131°F)
Powered by battery only	0°C to +55°C (+32°F to +131°F)
Charging temp	0°C to +45°C (+32°F to +113°F)
Operating humidity	Relative humidity: 95% non-condensing at +40°C (+104°F)
Water and dust (Ingress protection)	IP 54

Radio specifications

Maximum radiated power (EIRP)	+15.1dBW ±1dB
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Supported operating systems

Operating system	Windows: 2000, XP MAC: OS 10.1 or later Linux: Redhat 9
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Data capabilities

IP data	
Standard IP	Background class of service Send: up to 448kbps over a shared channel Receive: up to 464kbps over a shared channel
Streaming IP	Guaranteed quality of service Send: 32, 64, 128kbps Receive: 32, 64, 128kbps Multiple IP streaming sessions simultaneously
ISDN data	Via USB
SMS	160 characters

Voice capabilities

Voice	4kbps 3.1kHz audio
Supplementary services	Voicemail Call forwarding Call barring Call waiting Call holding

Accessories

Cabling	Ethernet (2m), USB (2m)	S
Voice handset	EXPLORER™ Bluetooth handset, 2m charger cable + desk top charger cradle	O
AC/DC power supply	100/240 Volts	S
Power plug	2 pin European type	S
Car charger	Cable with cigarette lighter plug	O
Solar charger	Off the shelf (please check with manufacturer)	O
External antenna	Active (with 10m cable)	O
Pole mount kit	For external antenna	O
Spare battery	Standard Li-ion battery	O
Bag	Canvas bag	O

Ⓢ Standard Ⓞ Optional

How to buy

The EXPLORER™ 500 is available from more than 100 Thrane & Thrane partners worldwide, covering Europe, Africa, the Middle East, Asia, North and South America. Visit www.thrane.com to select the best supplier for you.

About Thrane & Thrane

Thrane & Thrane is the world's leading manufacturer of terminals and land earth stations for global mobile satellite and radio communications. Since its incorporation in 1981, the company has established a strong position within global mobile satellite services based on the Inmarsat system, and today it provides equipment for land-based, maritime and aeronautical use. The company is listed on the Copenhagen Stock Exchange. www.thrane.com



For more details on this product, please contact Thrane & Thrane