

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™ 300

Highly compact, robust device

The EXPLORER™ 300 is the smallest and lightest terminal in Thrane & Thrane's BGAN range. It comprises a single unit incorporating a transceiver and an integral antenna in a compact, robust design.

The terminal combines performance with ultimate portability and 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, enabling a gateway to company and customer information.
- **Internet access** – access to the internet at speeds up to 384kbps.
- **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 64kbps on demand eg. for video, audio.
- **File transfer** – send and receive large files.
- **Store and forward** – save and send large files e.g. video.

### Key benefits

**Ultimate portability** – at around half the size of a laptop, it adds little more than 1kg to your luggage.

**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.

**Highly flexible** – incorporates a 2-wire telephone interface in addition to an Ethernet and Bluetooth (25m range) interface.

**Extremely robust** – splash and dust proof, highly durable design.

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

**Easy to use** – simply plug in a phone, laptop or use the Bluetooth interface, point the antenna towards the Inmarsat satellite and you are online. You can also access the service using the BGAN LaunchPad on your laptop, which gives you pointing assistance, terminal and network details.

**Completely secure** – connect seamlessly via your preferred VPN application.



## Physical characteristics

<b>Weight</b>	1.4kgs (3.1lbs)
<b>Dimensions</b>	Length: 168mm (6.6") Width: 217mm (8.5") Depth: 52mm (2.1")
<b>Interfaces</b>	Ethernet Bluetooth (up to 25m) - Supported profiles - Cordless handset - Serial port - Service discovery application - Dial-up networking - Headset RJ-11
<b>User access</b>	Via activated 3G compatible SIM card
<b>User interfaces</b>	
PC	BGAN LaunchPad Built-in web interface
On terminal	Terminal control buttons and LCD

## Power

<b>Power supply</b>	AC/DC
<b>External power</b>	15 Volts DC, 100 – 240 Volts AC (47-63Hz)
<b>Battery life</b>	Transmit: 1 hr 20 mins at 96kbps Receive: 3 hrs 30 mins at 64kbps Stand-by time: 36 hours
<b>Battery type</b>	Lithium-ion. Rechargeable
<b>Input voltage</b>	10-16 Volts DC

## Tolerances

<b>Ambient operating temperature</b>	
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)
<b>Charging temp</b>	0°C to +45°C (+32°F to +113°F)
<b>Operating humidity</b>	Relative humidity: 95% non-condensing at +40°C (+104°F)
<b>Water and dust (Ingress protection)</b>	IP 54 (dust and spray proof in all directions)

## Radio specifications

<b>Maximum radiated power (EIRP)</b>	+10dBW ±1dB
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## Supported operating systems

<b>Operating system</b>	Windows: 2000, XP MAC: OS 10.1 or later Linux: Redhat 9
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## Data capabilities

<b>IP data</b>	
Standard IP	Background class of service Send: up to 384kbps over a shared channel Receive: up to 240kbps over a shared channel
Streaming IP	Guaranteed quality of service Send: 32, 64kbps Receive: 32, 64kbps
<b>ISDN data</b>	n/a
<b>SMS</b>	160 characters

## Voice capabilities

<b>Voice</b>	4kbps
<b>Supplementary services</b>	Voicemail Call forwarding Call barring Call waiting Call holding

## Accessories

<b>Cabling</b>	Ethernet (2m)	Ⓢ
<b>Voice handset</b>	EXPLORER™ Bluetooth handset with charger cable + desk top charger cradle for bluetooth handset with power supply	Ⓞ
<b>AC/DC</b>	100/240 Volts (AC)	Ⓢ
<b>AC power plug</b>	2 pin European type	Ⓢ
<b>Car charger</b>	Cable with cigarette lighter plug	Ⓞ
<b>Solar panel</b>	Off the shelf (please check with manufacturer)	Ⓞ
<b>Pole mount kit</b>	Available via manufacturer	Ⓞ
<b>Spare battery</b>	Standard Li-ion battery	Ⓞ
<b>Bag</b>	Canvas bag	Ⓞ
<b>Antenna cable</b>	n/a	Ⓢ

Ⓢ Standard Ⓞ Optional

## How to buy

The EXPLORER™ 300 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](http://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](http://www.thrane.com)



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