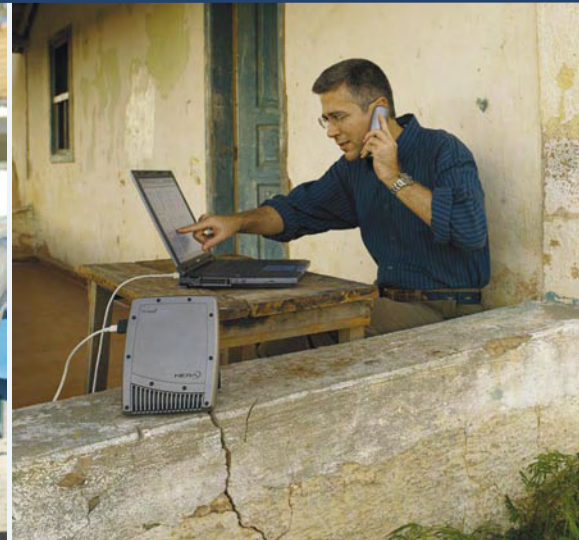


Inmarsat's Broadband Global Area Network service – BGAN – is accessible via a small, lightweight, satellite terminal, which is easy to carry, quick to set up and simple to use. And you can use the same device worldwide.

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™

The smallest, lightest device in the range

The Thrane & Thrane EXPLORER™ 110 combines an exceptionally compact design with performance and optimal flexibility. The terminal can be separated into two parts, so users can choose between indoor and outdoor use, with no need for an external antenna.

Combined with the EXPLORER™ 110 for voice telephony, it 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 access to 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 via a peripheral handset at the same time as accessing data applications.
- **Streaming** – select guaranteed quality of service up to 64kbps 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

**Ultimate portability** – at around half the size of a laptop and weighing less than 1 kilo, it is the smallest and lightest terminal in the range.

**Simultaneous voice and broadband data** – access your data applications and make a phone call at the same time, via the EXPLORER™ 110. The terminal can also be configured directly from the handset.

**Highly flexible** – uniquely designed to split into two separate units, so the antenna can be placed outside, while you work indoors in comfort – with no requirement for an additional external antenna. The terminal can be connected to a laptop via the USB port or Bluetooth, and via Ethernet.

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

**Easy to use** – with the one-patch antenna design, it takes less than a minute to locate a satellite communications signal. The service can be accessed via BGAN LaunchPad on your laptop, or an on-box user interface with self-explanatory indicators.

**Robust** – purposely designed to operate in challenging environmental conditions.

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



## Physical characteristics

<b>Weight</b>	< 1.0kg (2.2lbs)
<b>Dimensions</b>	Length: 200mm (7.9") Width: 140mm (5.5") Depth: 40mm (1.6")
<b>Interfaces</b>	USB Bluetooth (up to 20m) - Supported profiles: - Service discovery application - Serial port - Dial-up networking - Headset profile from Q2 2006 - Cordless telephony Ethernet RJ45 (for WorldSet)
<b>User access</b>	Via activated 3G compatible SIM card
<b>User interfaces</b>	
PC	BGAN LaunchPad
On terminal	Terminal control buttons and LCD WorldSet display and handset

## Power

<b>Power supply</b>	AC or DC
<b>External power</b>	12 Volts DC, 110 – 240 Volts AC
<b>Battery life</b>	
Typical use	Transmit time: 5 hours Stand-by time: 36 hours
<b>Battery type</b>	Lithium-ion. Rechargeable
<b>Input voltage</b>	10.8-15.6 Volts DC

## Tolerances

<b>Ambient operating temperature</b>	
Powered from external DC	-20°C to +55°C (+4°F to +131°F)
Powered by battery only	-20°C to +55°C (+4°F to +131°F)
<b>Charging temp</b>	0°C to +55°C (+32°F to +131°F)
<b>Operating humidity</b>	Relative humidity: 95% non-condensing at +40°C (+104°F)
<b>Water and dust (Ingress protection)</b>	IP 44

## Radio specifications

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

<b>Operating system</b>	Windows: 98SE, 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 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
<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>	USB (1.8m)	Ⓢ
<b>Voice handset</b>	Wired: WorldSet (with 2m cable)/ other ISDN phones Wireless: Bluetooth handset	Ⓞ
<b>AC/DC power supply</b>	110/240 Volts	Ⓢ
<b>Power plug</b>	2 pin European type	Ⓢ
<b>Car charger</b>	Off the shelf (please check with manufacturer)	Ⓞ
<b>Solar charger</b>	Off the shelf (please check with manufacturer)	Ⓞ
<b>Pole mount kit</b>	Fixing brackets: window mounting kit based on tripod camera mounting thread	Ⓞ
<b>Spare battery</b>	Standard battery (5 hours use, 36 hours stand-by)	Ⓞ
<b>Bag</b>	Soft bag	Ⓞ
<b>Other</b>	Antenna cable to connect the indoor and outdoor units in 'split' configuration DC/DC adaptor – input 10-31Volts DC Colour variations	Ⓞ

Ⓢ Standard Ⓞ Optional

## How to buy

For further information on BGAN equipment and services contact AfriConnect or go to our website.

## About Thrane & Thrane

Thrane & Thrane is the world's leading manufacturer of terminals and land earth communications. 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

