



# EXPLORER® 300

Terminal specification

Thrane & Thrane



➤ 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.



## Optimum functionality in a compact design

The Thrane & Thrane EXPLORER 300 optimises functionality in a highly compact, robust design. It comprises a single unit incorporating a transceiver and an integral antenna.

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 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 eg. 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 connected. 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

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

## Power

Power supply	AC or DC
External power	15 Volts DC, 100 – 240 Volts AC (47-63Hz)
Battery life	Typical use Transmit time: 1 hr 20 mins at 96kbps Receive: 3 hrs 30 mins at 64kbps 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 (dust and spray proof in all directions)

## Radio specifications

Maximum radiated power (EIRP)	+10dBW ±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 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
ISDN data	N/A
SMS	160 characters

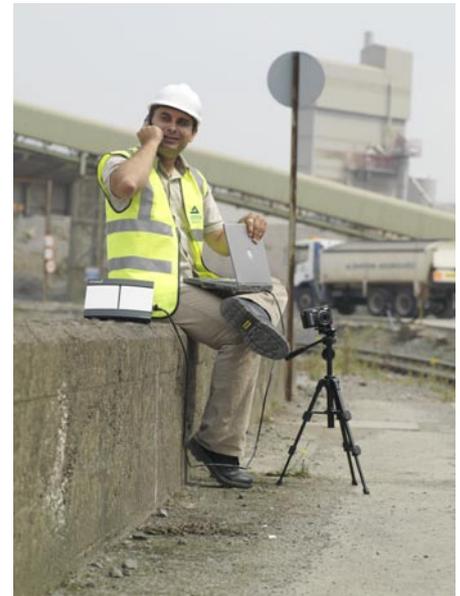
## Voice capabilities

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

## Accessories

Cabling	Ethernet (2m)	S
Voice handset	EXPLORER Bluetooth handset with charger cable + desk top charger cradle for bluetooth handset with power supply	O
AC/DC power supply	100/240 Volts (AC)	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
Pole mount kit	Available via manufacturer	O
Spare battery	Standard Li-ion battery	O
Bag	Canvas bag	O
Antenna	N/A	O

S Standard O Optional



## How to buy

The Thrane & Thrane range of terminals is also 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

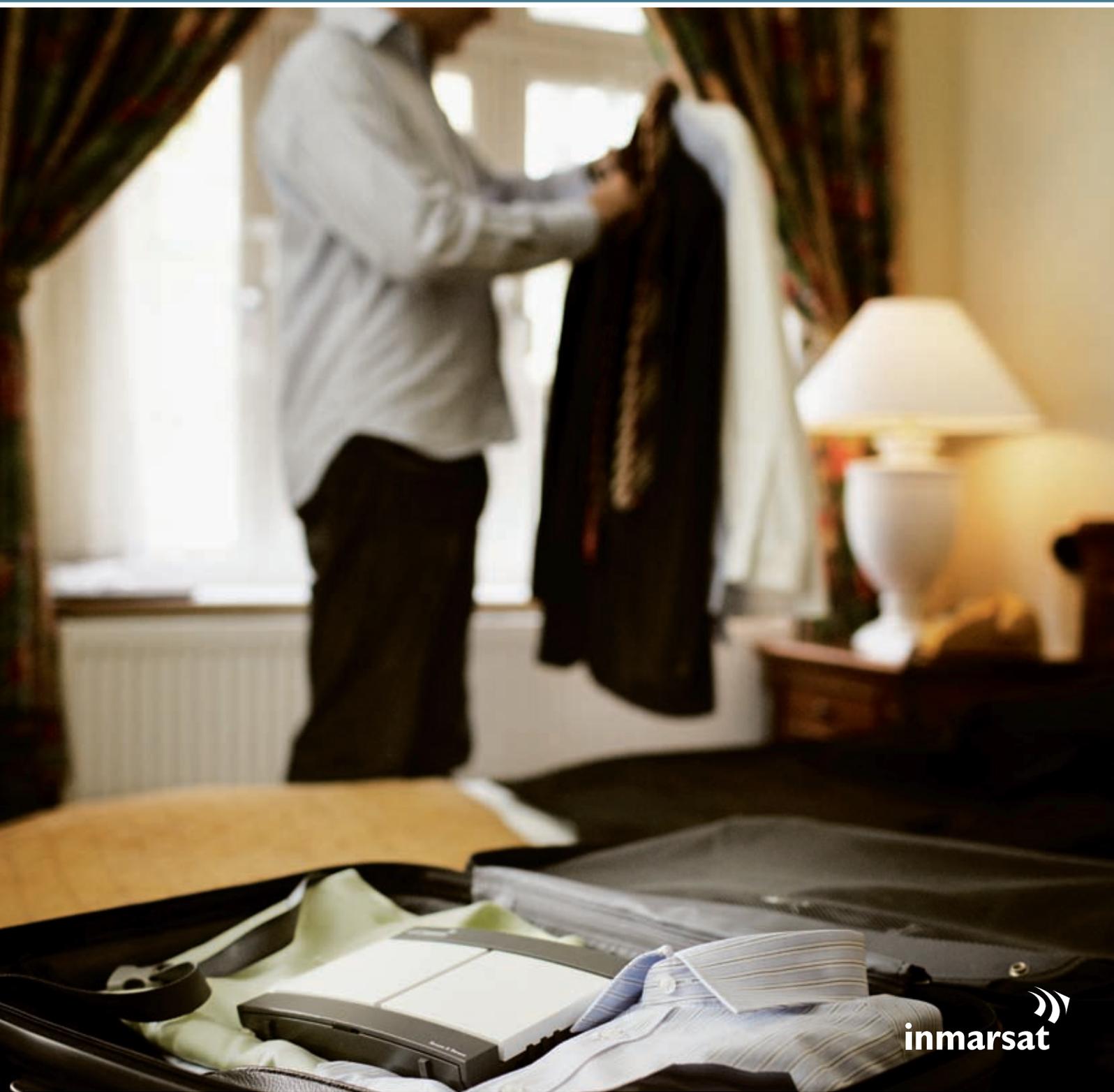
Thrane & Thrane is the world's leading manufacturer of terminals and land earth stations for global mobile satellite and radio communications. Since its incorporation in 1981, the company has established a strong position within global mobile satellite services based on the Inmarsat system, and today 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)

[inmarsat.com/explorer300](http://inmarsat.com/explorer300)

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THRANE & THRANE EXPLORER®

# BRING YOUR OFFICE ANYWHERE



  
inmarsat

Thrane & Thrane

# OFFICE MOBILITY AT



1. Turn on your EXPLORER



2. Aim it at the satellite

What makes up your office? A desk. A chair. A treadmill. A cactus. All likely answers, but let's face it, not the whole truth. Broadband is what makes up most office stations today. Without instant access to the www, the corporate intranet and the inbox, we do not get much done. We are accustomed to always having fast paced internet within our reach, and as such doing without it when travelling the globe on business will not do. Business simply is not business without the broadband amenity of the office. That is why broadband has gone mobile with the lightweight, cutting edge EXPLORER terminals from Thrane & Thrane.

## **User friendly satellite service – for voice and internet**

When travelling the world, you may experience that local terrestrial or cellular networks are unavailable or not working at all. Most people have experienced loss of signal on their cellular phones. Depending on the gravity of the situation, this can either make your work difficult or impossible. With Thrane & Thrane it is neither. We give reliability and user friendliness the utmost priority through our cutting edge BGAN satellite service. This makes both voice communications and broadband connections crystal clear from anywhere in the world.

## **There is always a satellite close by**

There may not always be a mast to give you coverage, but with Thrane & Thrane, there is always a satellite to give you both instant and constant connections via the www or the phone. Technical difficulty is just not in our vocabulary, so you can always count on state of the art terminals and coverage providing great usability, versatility, general functionality and office mobility – whenever and wherever you need it.

## **Terminals smaller than your average carry-on**

Accompanying global satellite coverage are the EXPLORER terminals. With a sleek and compact design these can all easily be brought along everywhere you go. Weighing around 1 kg these neat little items fit in your bag and are both smaller and lighter than most of your belongings that you usually carry with you when travelling. So there will be no tiresome lugging of an EXPLORER.

# BROADBAND SPEED



3. Connect



4. Communicate from your mobile office anywhere in the world

## For beginners and specialists alike

All EXPLORER terminals take into account ease of use for office mobility. They are highly customizable, boasts a plug and play capability, and gives you simplicity, functionality and versatility – also if you are new to satellite communications.

## Huge coverage from tiny terminals – with BGAN

BGAN is short for Broadband Global Area Network and is the voice and broadband data mobile communications service covering the planet by means of the Inmarsat satellites. BGAN is Inmarsat's newest, most advanced offering for providing satellite communications



E-mail – Often, the crucial part of an e-mail is contained in a large attachment. With EXPLORER, reading the e-mail and fetching the attachments is swift and easy.



World Wide Web – With EXPLORER, you can surf the Internet as you would at home.



Phone – You can connect one handset via cable to the EXPLORER. The Wireless Bluetooth connection offers support for up to 2 devices, including head-, hand- and earsets.



Fax – Easily connect your fax via cable (EXPLORER 500 & 700 only).



Corporate LAN – With a Virtual Private Connection you gain access to your corporate network from places you have never even dreamed of. No slow connections here.