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

<table>
<thead>
<tr>
<th>Weight</th>
<th>1.4kgs (3.1lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>Length: 168mm (6.6&quot;)</td>
</tr>
<tr>
<td>Interfaces</td>
<td>Ethernet, Bluetooth (up to 25m)</td>
</tr>
<tr>
<td>User access</td>
<td>Via activated 3G compatible SIM card</td>
</tr>
<tr>
<td>User interfaces</td>
<td>PC, BGAN LaunchPad, Built-in web interface</td>
</tr>
<tr>
<td>On terminal</td>
<td>Audio and LCD pointing aids, LED indicators</td>
</tr>
</tbody>
</table>

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

Supported operating systems

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

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)
- Voice handset: EXPLORER Bluetooth handset with charger cable + desk top charger cradle for bluetooth handset with power supply
- AC/DC power supply: 100/240 Volts (AC)
- Power plug: 2 pin European type
- Car charger: Cable with cigarette lighter plug
- Solar charger: Off the shelf (please check with manufacturer)
- Pole mount kit: Available via manufacturer
- Spare battery: Standard Li-ion battery
- Bag: Canvas bag
- Antenna: N/A

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 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

inmarsat.com/explorer300

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THRANE & THRANE EXPLORER®

BRING YOUR OFFICE ANYWHERE

Thrane & Thrane
OFFICE MOBILITY AT B

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.

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

1. Turn on your EXPLORER
2. Aim it at the satellite

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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.