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.

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The mobile satellite company™
### Physical characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Weight</strong></td>
<td>1.4kgs (3.1lbs)</td>
</tr>
</tbody>
</table>
| **Dimensions**      | Length: 168mm (6.6")  
                       | Width: 217mm (8.5")  
                       | Depth: 52mm (2.1")  |
| **Interfaces**      | Ethernet  
                       | Bluetooth (up to 25m)  
                       | 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 |

### 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

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

### Radio specifications

- **Maximum radiated power (EIRP)**: +10dBW ±1dB

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