High bandwidth, highly portable device

The Thrane & Thrane EXPLORER 500 combines exceptional performance with portability. It meets the needs of the most demanding business traveller for remote, high-speed access to corporate networks. It is also suitable for small teams that need to set up a temporary office.

Applications

• Remote access – high-speed access to your corporate network, enabling access to company and customer information.
• Internet – access the internet at speeds up to 464kbps.
• 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 128kbps on demand, eg. for video, audio.
• File transfer – send and receive large files.
• Store and forward – save and send files eg. video.

Key benefits

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. Also supports streaming IP at speeds up to 128kbps for applications requiring guaranteed quality of service.

Highly portable – smaller than a laptop, the EXPLORER 500 represents the ultimate combination of portability and performance.

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

Easy to use – simply plug in a phone or laptop, or connect using the Bluetooth interface, point the antenna towards the Inmarsat satellite and you are connected.

Highly flexible – caters both to individual users and small teams on the move. Supports circuit-switched and IP packet data via standard LAN, USB, Bluetooth and phone/fax interfaces.

Very robust – splash and dust-resistant.

Completely secure – connect seamlessly via your preferred VPN application.
### Physical characteristics

<table>
<thead>
<tr>
<th>Weight</th>
<th>&lt;1.5kgs (&lt;3.3lbs)</th>
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</table>
| Dimensions      | Length: 217mm (8.5")  
|                 | Width: 217mm (8.5")  
|                 | Depth: 52mm (2.0")  |
| Interfaces      | USB, Ethernet, Bluetooth (up to 20m)  
|                 | - Supported profiles:  
|                 | - Service discovery application  
|                 | - Dial-up networking  
|                 | - Headset profile  
|                 | - Cordless telephony  
|                 | RJ-11 |
| User access     | Via activated 3G compatible SIM card |
| User interfaces | PC, BGAN LaunchPad, Built-in web-server |
| On terminal     | Audio and LCD pointing aids, LED indicators |

### Power

<table>
<thead>
<tr>
<th>Power supply</th>
<th>AC or DC</th>
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<tr>
<td>External power</td>
<td>15 Volts DC, 100-240 Volts AC (47-63Hz)</td>
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</table>
| Battery life    | Typical use: Transmit time: 1.5 hours at 144kbps  
|                 | 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                | IP 54 |

### Radios specifications

| Maximum radiated power (EIRP) | +15.1dBW ±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 448kbps over a shared channel  
|                 | Receive: Up to 464kbps over a shared channel  
| Streaming IP     | Guaranteed quality of service  
|                 | Send: 32, 64, 128kbps  
|                 | Receive: 32, 64, 128kbps  
| ISDN data        | UDI (64kbps) – via USB |
| SMS              | 160 characters |

### Voice capabilities

| Voice            | 4kbps, 3.1kHz audio |
| Supplementary services | Voicemail  
|                   | Call forwarding  
|                   | Call barring  
|                   | Call waiting  
|                   | Call holding |

### Accessories

| Cabling          | Ethernet (2m), USB (2m)  
| Voice handset    | EXPLORER® Bluetooth handset, 2m charger cable  
|                  | + desk top charger cradle  
| AC/DC power supply | 100/240 Volts  
| Power plug       | 2 pin European type  
| Car charger      | Cable with cigarette lighter plug  
| Solar charger    | Off the shelf (please check with manufacturer)  
| External antenna | Active (with 10m cable)  
| Pole mount kit   | For external antenna  
| Spare battery    | Standard Li-ion battery  
| Bag              | Canvas bag  

5: Standard  ○ Optional

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