

## EXPLORER™ 500

Broadband communications for the mobile office



**EXPLORER™ 500 adds high-speed data transmission to phone and fax capabilities via satellite. Particularly useful in remote areas outside terrestrial or cellular coverage, this mobile terminal is an ideal link to the world wherever you are.**

### Features and Benefits

Essentially a BGAN terminal with integral antenna, EXPLORER™ 500 comes complete with compass for antenna orientation and display for basic functionality. Simply enter your PIN and point the antenna to make and receive phone and fax calls, or even read SMS. Hooking up a data device allows you to manage your phone book, messages and calls, and customize the terminal to your specific needs.

- Simultaneous voice and data communications over BGAN
- High-speed data transfer up to 464 kbps
- Seamless global coverage
- Support for streaming IP at 32, 64, 128 kbps
- Standard LAN, USB, Bluetooth and phone/fax interfaces
- Easy system setup and operation
- Lightweight, splash and dust proof design
- Robust, reliable and durable design
- Built-in Bluetooth handset charger



Size:  
H: 21.8 cm/8.5 inches  
W: 21.7 cm/8.5 inches  
D: 5.2 cm/2.1 inches



## User Friendly

Setting up your EXPLORER™ 500 is quick and easy. Just plug in a phone, fax, laptop or PDA, or use the Bluetooth interface, point the antenna towards the BGAN satellite - and you are online. Whether halfway up a mountain or in the middle of a desert, you have access to:

- Phone and fax services
- E-mail servers
- Large file transfers
- Internet browsing
- Videoconferencing and streaming
- Corporate servers via VPN

And much more! In fact, your private or corporate office on the move adds little more than 1 kg to your baggage. If you happen to be sheltered, the optional external antenna can be erected in a convenient location outside.

## Options

- Bluetooth handset and charger for wireless voice and data
- External antenna and cable for longer-term setup
- Pole-mount kit for practical deployment
- Charger cable for use in a vehicle
- Softbag
- Spare batteries

## Basic Specifications

Data rates (kbps):	Center of coverage
Receive:	464
Transmit:	448

Operating temperature:	-25°C to +55°C -13°F to +131°F
Weight:	1.3 kg/2.9 lbs
Size:	H: 21.8 cm/8.5 inches W: 21.7 cm/8.5 inches D: 5.2 cm/2.1 inches

## BGAN

Inmarsat's Broadband Global Area Network (BGAN) is a mobile satellite service that offers high-speed data (up to 432 kbps) and voice telephony. The service is initially available throughout Europe, Africa, the Middle East and Asia. In 2006, coverage will be extended to include the Americas – providing broadband to you wherever you find yourself on the planet.

## World Leaders

**“Competent and creative engineers that think extreme and act rationally.”**

*- Lars Thrane, Founder & President*

Thrane & Thrane is world leader in terminals and land earth stations based on the Inmarsat satellite services. Around 300,000 Inmarsat terminals have been sold worldwide. Approximately 100,000 of these have been delivered by Thrane & Thrane.

## Innovation without Limits

Our focus on new technology development and constant innovation has assured us a position as preferred development partner for Inmarsat. Creating the broadband infrastructure of the future, Thrane & Thrane has been commissioned to develop the Radio Access Network for Inmarsat's BGAN high-speed satellite system. Just one proof of how we continue to bring new, innovative solutions to the market.



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