

## EXPLORER™ 527

Broadband communications on the move



**EXPLORER™ 527 adds high-speed data transmission to phone and fax capabilities via satellite – on the move. With the transceiver connected to the rooftop tracking antenna your car, truck or other vehicle turns into a true mobile communications post wherever you are.**

### Features and Benefits

EXPLORER™ 527 is a land vehicular rack-mountable BGAN system, consisting of a terminal and a tracking antenna. The units interconnect with just a single cable and are powered by a 12 or 24V battery system. Just switch on and the antenna will log on to the BGAN satellite. The system provides a high-speed data connection for your PC or other data device. Simultaneously, you can make phone calls and receive faxes while driving.

- Simultaneous voice and data communications over BGAN
- High-speed data transfer up to 464 kbps
- Seamless global coverage
- Support for streaming 32, 64 and 128 kbps
- Standard LAN and phone/fax interfaces
- Easy system setup and operation
- Robust, reliable and durable design



Preliminary





## User Friendly

Setting up your EXPLORER™ 527 is quick and easy. The system automatically finds the BGAN satellite after power-on. Just plug in a phone, fax, laptop or PDA, or use the wireless Bluetooth interface and you are online.

Whether driving halfway up a mountain or in the middle of a desert, you have access to:

- Phone and fax services
- E-mail servers
- SMS
- Large file transfers
- Internet browsing
- Videoconferencing and streaming
- Corporate servers via VPN
- Secure voice/data connections
- ...and much more

## Specifications

### Terminal

19" 1U rack-mountable casing, H and W: 30cm/12", approx. 3kg/7lbs

DC input, 10-32V, 70W

Voice and data, Rx/Tx: 464kbps/448kbps (simultaneously)

Control buttons, MMI display and LEDs

System configuration via MMI, or by PC using the built-in web-server

2-wire phone/fax (support of 1 phone from front or back panel)

LAN and various I/O functions

USB maintenance connector

Bluetooth: Only with external antenna

Operating temperature -25°C to +55°C/-13°F to +131°F

### Antenna

Fixed or magnetic mounting

Operating temperature -25°C to +55°C/-13°F to +131°F

Waterproof outdoor housing

Ø 50cm/20", H: 12.5cm/5", approx. 4kg/8lbs

## BGAN

Inmarsat's Broadband Global Area Network (BGAN) is a mobile satellite service that offers high-speed data (up to 492 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.