

EXPLORER™ 700

Broadband communications under any condition



Heralding the next generation of professional high-speed communications via satellite, EXPLORER™ 700 is a heavy-duty broadband terminal with phone and fax capabilities. This specialist multi-user terminal is ideally suited to top-level logistics and media applications in harsh environments.

Features and Benefits

The outstanding specifications of EXPLORER™ 700 provide you with access to the highest bandwidth available on the BGAN network. With its specially designed antenna and environmental protection, the system is equally effective as a single or multi-user terminal, offering purposeful functionality.

- Simultaneous voice and data communications over BGAN
- Full duplex, single or multi-user, up to 492 kbps
- Support for streaming IP at 32, 64, 128, 256 kbps
- Seamless global coverage
- Standard LAN, USB, Bluetooth and phone/fax ports
- Integral DHCP/NAT wireless router, 802.11
- ISDN compatibility
- Built-in display and key pad

- Built-in web server allowing you to manage your phone book, messages and calls, and customize the terminal to your specific needs
- High capacity battery
- Solar panel direct interface
- Detachable lightweight antenna with integral transceiver stand and transceiver-to-antenna range in excess of 70m/230ft
- Compact, portable unit (size of laptop)
- Sturdy and reliable construction
- Humidity, dust, weather and temperature-resistant design
- Rapid deployment and takedown

Versatile in the Field

Whether halfway up a mountain or in the middle of a desert, battery or solar powered under shelter or outside, the system gives instant access to:

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

Preliminary



And much more! In fact, EXPLORER™ 700 is an essential evolution in satellite communications for governments, broadcasters and other organizations dependent on relaying information fast under any condition.

Basic Specifications

Data rates (kbps):	Center of coverage
Transmit:	492
Receive:	492

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