

THRANE & THRANE EXPLORER® 700

THE ULTIMATE FIELD EXPERT IN MOBILE VOICE AND BROADBAND COMMUNICATION



Thrane & Thrane

PROFESSIONAL ON-THE-SPOT COMMUNICATION

Broadband is an integral and pivotal part of professional business communication today – across borders, regardless of time, place or job. When working in the field, possibly in far-away corners of the world, being able to communicate with your boss, co-workers, and customers on the phone or via the www, e-mail or video transmission is all-important. With the EXPLORER 700 this is easily and professionally realized through either the ISDN or IP interfaces.



EXPLORER® 700



World-class coverage with BGAN

BGAN is short for Broadband Global Area Network and is the voice and broadband data mobile communications service covering the planet by means of the Inmarsat satellites. BGAN is Inmarsat's newest, most advanced offering for providing satellite communication services to ship owners, business people, TV broadcasters, aid workers, governments, airlines and anybody else who needs worldwide communication.

All you need to achieve all the benefits of BGAN is a terminal that knows its way around and is able to utilize the power of the network – and this is where the EXPLORER terminal comes in. With an EXPLORER on BGAN you are guaranteed world-class satellite communication and work comfort. In fact, BGAN offers the fastest available data rates with a coverage greatly surpassing that of even the leading cellular networks. Additionally, BGAN airtime prices are often lower than those of standard cellular roaming. BGAN is more than the others for less.

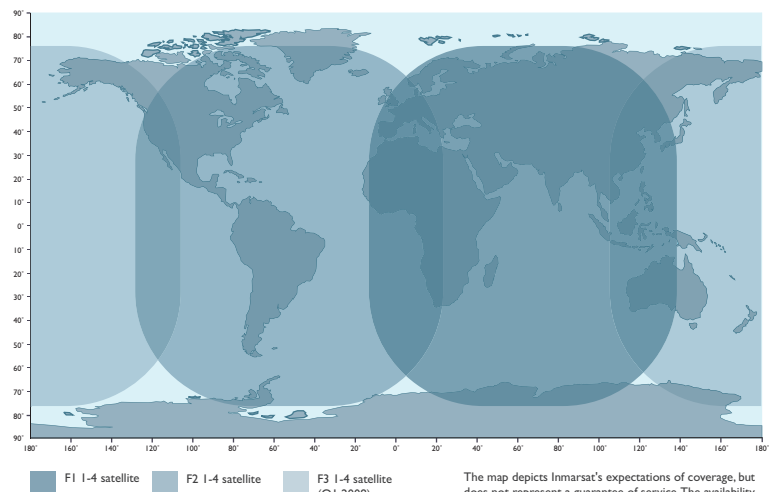
Multi user-friendly

A great many people take broadband connections for granted. Nevertheless, when travelling in remote corners of the world, you often experience that the local terrestrial or cellular networks are not up to standard – if available at all. By bringing your own compact, high-speed EXPLORER 700 solution, you ensure ease of work for yourself and also for your colleagues as EXPLORER 700 provides a cutting edge multi-user environment easy to set up anywhere.

Fixed hot spot or on the move ... you choose

When communicating via the EXPLORER 700, you have the choice of connecting the terminal where you stand, ready to pick up, pack down and move on. However, you can also choose to separate the antenna from the transceiver and fix the antenna in an outside location while utilizing the transceiver inside. That way you can create your own fixed hot spot for the world.

BGAN coverage



■ F1 I-4 satellite ■ F2 I-4 satellite ■ F3 I-4 satellite (Q1 2008)


The map depicts Inmarsat's expectations of coverage, but does not represent a guarantee of service. The availability of service at the edge of coverage areas fluctuates depending on various conditions. The launch of the F-3 satellite will be determined in due course.


AN EXPERT TERMINAL FOR EXPERT COMMUNICATION


With the EXPLORER 700, Thrane & Thrane is on the forefront of providing broadband on the spot. The terminal gives you independence in your fieldwork by ensuring easy and secure access to the rest of the world through a flexible mobile multi-user solution featuring all standard IP interfaces such as USB, LAN, Bluetooth and WiFi. Also, you get the benefit of a solar panel input for situations where power sources are scarce. To sum it up, the EXPLORER 700 is the all-time expert link to the world.

Wide ranging assistance

In a world where a wide variety of occupations are fieldwork oriented and increasingly global, be it journalism, aid work, civil engineering, consultancy, first responding etc., online work mobility is key. The EXPLORER 700 enables a mobile office solution with constant online

 **e-mail** – Often, the crucial part of an e-mail is contained in a large attachment. With EXPLORER 700, reading the e-mail and fetching the attachments is swift and easy.

 **World Wide Web** – With EXPLORER 700, you can surf the Internet as you would at home.


 **Phone** – You can connect standard 2-wire handset via cable to the EXPLORER 700. The Wireless Bluetooth connection offers support for up to 7 devices, including head-, hand- and earsets.


A clear edge

Feature-wise, the EXPLORER is thoroughly edgy, providing speed, a wide variety of features, detachable antenna and numerous interfaces for clear and professional communication. Design-wise, the edge and professionalism is also unmistakable. With a cool and ruggedized appearance, the EXPLORER 700 is the number one

choice in durability and versatility being able to withstand severe geographical conditions such as humidity, dust, extreme weather and changing temperatures. Also, the EXPLORER 700 is very compact and easy to carry along.

 **Fax** – Easily connect your fax via cable.

 **Corporate LAN** – With a Virtual Private Connection you gain access to your corporate network from places you have never even dreamed of. No slow connections here.

 **WLAN** – The EXPLORER 700 can also function as a WLAN access point which makes it ideal for establishing a multi-user environment.



With the EXPLORER 700 you can:

- Talk on the phone
- Run a videoconference
- Download and send e-mails
- Surf the Internet at speeds up to 492 kbps
- Log on to your corporate Intranet
- Transfer large files
- Use standard encryption such as VPN
- Securely send and receive faxes
- Send text messages
- Operate it as a multi-user terminal and more

Visit www.thrane.com to learn how the EXPLORER 700 interconnects with a wide variety of other equipment. Here you will also find information on where to buy.



Live broadcast in 5 minutes

The news don't wait for slow connections. When the story is there you don't have time for bottlenecks. With the Thrane & Thrane EXPLORER 700 you can set up a broadcast terminal in a matter of minutes, and be transmitting in reasonable, reliable quality on the spot. Without an OB truck. When you're back at the hotel, you won't be the one cursing about the undependable fixed line modem connection when e-mailing the latest footing or photographs. Plus you won't have to compromise on quality anymore. With up to 492 kbps even the largest files are quickly dispatched.

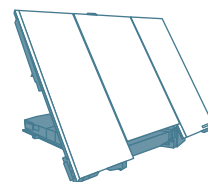
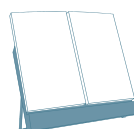
Constructive connections

Adding smooth technology to rugged work environments comes natural for the EXPLORER 700. Working in construction entails more than putting one brick on top of the other. It is high-class design and engineering based on digital drawings. So what do you do, if you need to check some construction details onsite, but forgot to bring the printout of the drawings, well, you simply log onto the company network via your EXPLORER 700. Then in a few minutes the drawings appear on your screen, and you're set. Talk about a constructive connection.

No matter your need for communications and geographical position, the EXPLORER 700 will always feel right at home with you.

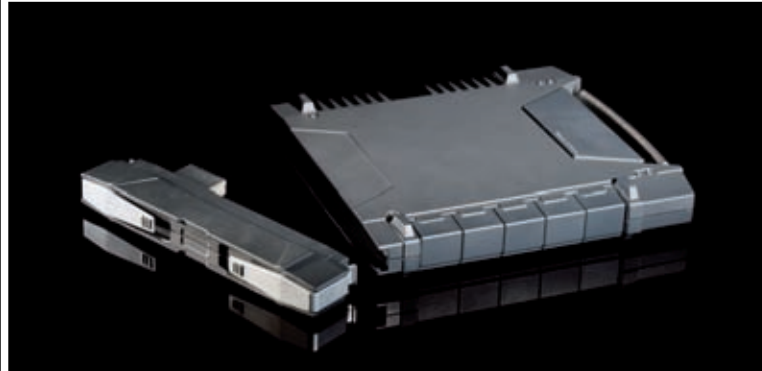
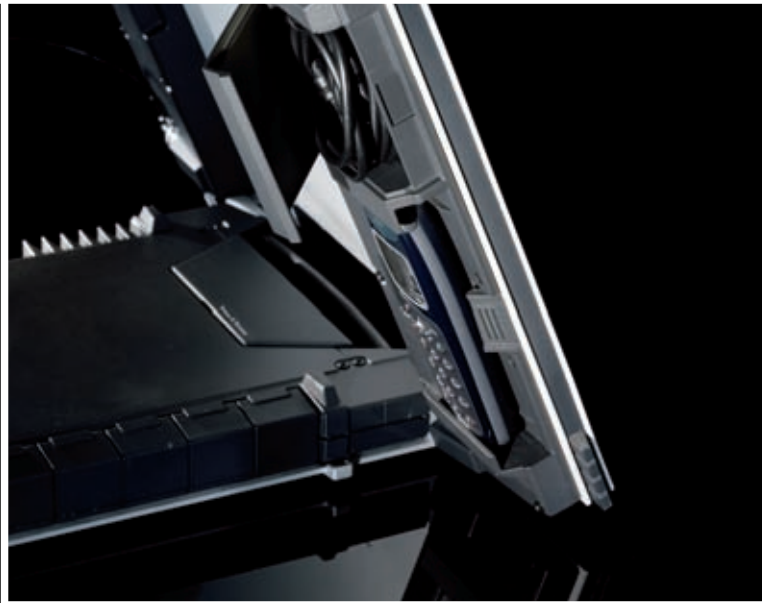
A FULL-FLEDGED FAMILY

Thrane & Thrane offers BGAN solutions to suit every need. EXPLORER 300, 500 and 700 each offers features and functionalities for a wide variety of user needs. Being part of the same family, these three models have identical interfaces making it easy for you to switch between them. If you can operate an EXPLORER 700, you can also operate a 300. It is that simple.



	EXPLORER® 300	EXPLORER® 500	EXPLORER® 700
Bandwidth (Rx/Tx)	384/240kbps	464/448kbps	492/492kbps
Streaming IP (guaranteed bandwidth)	32 & 64kbps	32, 64 & 128kbps	32, 64, 128 & 256kbps
ISDN	No	No	Yes – 2 ports
LAN	Yes – 1 port	Yes – 1 port	Yes – 2 ports
2-wire	Yes – 1 port	Yes – 1 port	Yes – 2 ports
Solar panel input	No	No	Yes
Bluetooth	Yes – Class 1 (limited range: 25m/82ft) Supports dial-up, cordless phone & serial port	Yes – Class 1 Supports dial-up, cordless phone & serial port	Yes – Class 1 Supports dial-up, cordless phone & serial port
WLAN	No	No	Yes – 802.11B/G up to 54Mbps
External antenna	No	No	Yes – up to 100m/328ft
Battery	Li-On – 36h standby and 1.2h Tx @ 96kbps	Li-On – 36h standby and 2.25h Tx @ 128kbps	Li-On – 36h standby and 2.5h Tx @ 144kbps
Weight	1.4kg / 3.1lbs	1.4kg / 3.1lbs	3.2kg / 7.0lbs
Size (H x W x D)	17.0 x 21.7 x 5.2cm / 6.69 x 8.5 x 2.1inches	21.8 x 21.7 x 5.2cm / 8.6 x 8.5 x 2.1inches	29.7 x 39.9 x 5.1cm / 12.1 x 16.0 x 2.0inches
IP grade	IP 54	IP 54	Transceiver IP 52 Antenna IP 66

In addition to the above mentioned EXPLORER models, Thrane & Thrane offers a wide variety of other BGAN solutions for worldwide communication. Find them on www.thrane.com.



Know your net-words

BGAN – Broadband Global Area Network. Inmarsat's term for the new global broadband network with transfer rates up to 492 kbps.

R-BGAN - Not to be confused with BGAN. Inmarsat's Regional Broadband Global Area Network. A slower connection than BGAN not offering voice or IP streaming. Thrane & Thrane does not currently market any R-BGAN terminals.

GAN – Global Area Network. The term is constructed on the model of the Local Area Network (LAN), which has become the standard for offices all over the globe. The Inmarsat GAN offers wireless ISDN all over the globe. The Messenger is Thrane & Thrane's GAN terminal.

Standard data – With standard data, you get a variable transfer rate, depending on the terminal, geographic location and conditions. BGAN allows data transfer rates at up to 492 kbps.

Streaming IP – Streaming is a technique for transferring data to be processed as a continuous stream – e.g. live video or audio, typically demanding high bandwidth, and this is where EXPLORER 700 comes into play with as much as 492 kbps.

Standard voice – BGAN also offers world-wide telephony. By dialling 00, country code and phone number, you can speak in a clear voice to anyone around the globe. Standard voice requires very little bandwidth, only 4 kbps. Voice mail is included.

Premium voice – Premium voice is uncompressed audio in pristine quality, using more bandwidth than standard voice. More advanced voice services are also possible, e.g. call waiting, call holding, call barring and call forwarding.

Bluetooth – Bluetooth makes a lot of cables redundant. It is a short distance wireless connection allowing head- and handsets, as well as PCs to connect wirelessly.

VPN – A Virtual Private Network is a software solution that allows users to securely access a corporate network via the Internet.

WORLD LEADERS

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

Innovation without Limits

With a fixed focus on new technology development and constant innovation we have achieved 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.

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

– Lars Thrane, Founder & President

