

EXPLORER™ SERIES

EXPLORER™ INTRODUCTION

The EXPLORER Series is a well proven and thoroughly tested range of satellite terminals utilizing Inmarsat's BGAN technology, providing instant and reliable voice and broadband access regardless of time and place.

EXPLORER Series have been designed to withstand even the most extreme conditions. This is to support harsh environments and situations a professional out in the field might experience – but still deliver the quality and performance demanded.

EXPLORER Series cover the need for portability as well as flexibility. The Series consists of three highly portable and lightweight terminals (maximum the size of an average laptop) – and

one vehicular terminal with a satellite tracking antenna making it possible to stay connected, even while moving at speeds in excess of 200 km/h.

All EXPLORER terminals excel in being easy to set-up and easy to operate; thereby, minimizing the level of operator skill required and ultimately optimizing processes. Simply just connect a PC or phone, point the terminal towards a satellite (guided by the build-in compass and sound indicator) and you are instantly connected to the world in less than two minutes.

EXPLORER terminals are mobile, plug'n'play satellite communication platforms for professionals working off the beaten track.

KEY BENEFITS FOR EXPLORER™ SERIES

- Complete communication platform
- Seamless global broadband connection
- Highly portable and reliable connectivity
- Instant mobile access to your office
- Easy-to-operate, simple user-interface
- Know your costs: standard prices, no roaming
- A terminal to use worldwide

GLOBAL COVERAGE WITH INMARSAT BGAN

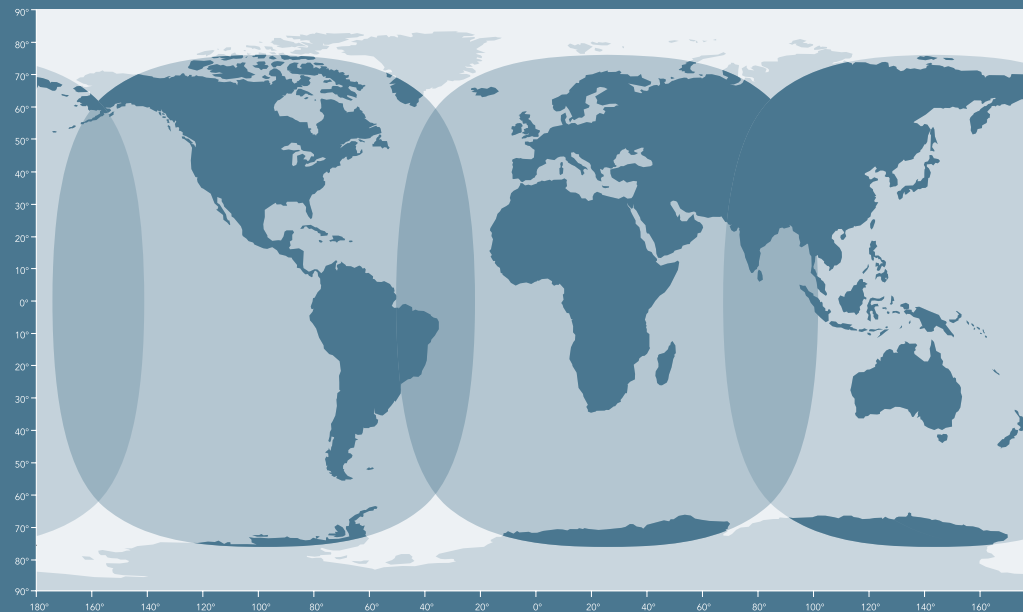
Broadband Global Area Network (BGAN) is Inmarsat's terminology for their latest satellite network with global coverage providing both voice and broadband data. It is the world's leading commercial mobile broadband satellite service.

With three satellites placed in geostationary orbit 36,000 kilometers (22,000 miles) above

the Atlantic, Indian and Pacific Oceans respectively, they facilitate a reliable global coverage.

Combined with an EXPLORER terminal this solution offers a superior connectivity to traditional phone networks and the internet – even for professionals working off the beaten track.

BGAN coverage



This 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. BGAN coverage February 2009.



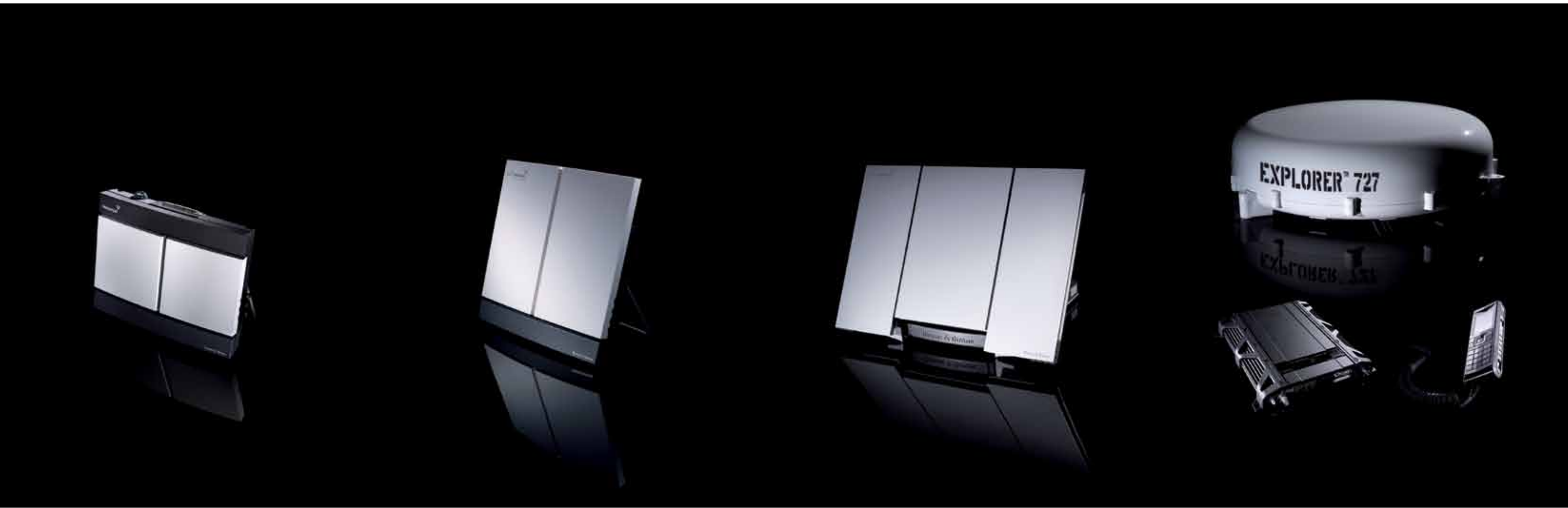
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EXPLORER™ 300

COMPACT – FOR INDIVIDUAL USAGE

- **The smallest terminal** in the EXPLORER series. Weighs only 1.4 kg. Dimensions: 16.8x21.7x5.2cm
- **A single-user terminal:** Ideal if your primary need voice, or moderate speed standard IP internet access
- **Compact:** Easy to carry, simple system set-up and operation

EXPLORER™ 500

PERFORMANCE AND PORTABILITY COMBINED

- **The most used terminal** in the world of BGAN. Unmatched in deployed quantities, the EXPLORER 500 is the preferred choice to support a broad variety of applications
- **Powerful:** The ideal combination of performance and portability. Provides simultaneous high quality voice and broadband access at speeds up to 464 kbps. It supports LAN, USB, Bluetooth and phone/fax interfaces
- **Lightweight:** Weighing only 1.4 kg and smaller than a standard laptop. Easy to carry along when travelling the world

EXPLORER™ 700

WHEN VERSATILITY AND HIGH-SPEED MATTERS

- **Versatility:** The flagship in the EXPLORER series provides multiple interfaces to support a wide range of applications. Ideal for video streaming applications and large file transfer and can be used by smaller workgroups sharing a temporary or semi-permanent office environment
- **High-speed:** The fastest BGAN terminal on the market with download and upload at 492 kbps. Moreover, it supports Inmarsat's BGAN X-Stream, on-demand streaming at +384 kbps for applications demanding high speed Quality of Service
- **Rough environments:** Designed to withstand severe environmental conditions such as humidity, dust, extreme weather and changing temperatures

EXPLORER™ 727

PROVIDES BROADBAND TO MOVING VEHICLES

- **Broadband-on-the-Move:** Constantly tracks satellite positions and makes high-speed connectivity and communication possible – even at speeds in excess of 200 km/h
- **Mobile communication hub:** Place the antenna on the roof of your vehicle to turn it into a complete mobile communication hub. Provides access to the internet and phone networks instantly
- **Seamless global coverage:** High-speed broadband connection at all times regardless of time, place or job

EXPLORER™ COMPARISON GUIDE

	EXPLORER™ 300	EXPLORER™ 500	EXPLORER™ 700	EXPLORER™ 727
Weight	1.4 kg	1.4 kg	3.2 kg	8.4 kg
Size (H x W x D)	170 x 217 x 52 mm	218 x 217 x 52 mm	290 x 399 x 51 mm	Terminal 43 x 265 x 273 mm Antenna 150 x 447 mm
Battery	Li-Ion – 30h standby 3h – standard voice 1h30 upload @ 96 kbps	Li-Ion – 36h standby 3h – standard voice 2h10 upload @ 128 kbps 1h35 PSTN 2h10 Streaming @ 128kbps	Li-Ion – 36h standby 5h – standard voice 4h upload @ 128 kbps 4h ISDN/PSTN 3h Streaming @ 256 kbps	-
Ingress Protection Rating	IP-54	IP-54	Transceiver IP-52/Antenna IP-66	Transceiver IP-31/Antenna IP-56
Single/Multi-user	Single (1 IP-address)	Multi	Multi	Multi
Standard Voice	4 kbps	4 kbps	4 kbps	4 kbps
Premium Voice	-	3.1 kHz Audio, 64 kbps	3.1 kHz Audio, 64 kbps	3.1 kHz Audio, 64 kbps (>15°)
ISDN Data	-	UDI 64 kbps/RDI 56 kbps (only via USB/BT)	UDI 64 kbps/RDI 56 kbps	UDI 64 kbps/RDI 56 kbps (>15°)
Standard IP	240 / 384 kbps	448 / 464 kbps	492 / 492 kbps	432 / 432 kbps
Streaming IP	32, 64 kbps	32, 64, 128 kbps	32, 64, 128, 256 kbps	32, 64, 128, 256 kbps (256>45°)
BGAN X-Stream	-	-	+384 kbps	-
Text (SMS)	160 characters	160 characters	160 characters	160 characters
LAN (Ethernet)	1 port	1 port	2 ports	4 ports
ISDN	-	-	2 ports	1 port
Phone/Fax (2-wire)	1 port	1 port	2 ports	2 ports
USB	-	1 port	1 port	-
WLAN	-	-	802.11a/b/g	-
Bluetooth	Class 2	Class 1	Class 1	-
Antenna	Integrated	Integrated	Detachable (<100m)	Separate (<50m)

EXPLORER™ TERMINOLOGY

BGAN: Broadband Global Area Network – Inmarsat's terminology for their latest satellite network with global coverage providing both voice and broadband data

Ingress Protection: Specifies the environmental protection the enclosure of the terminal provides against solid objects and liquids

Standard IP: A background IP service, that provides a varying bit rate data transfer

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. Streaming IP is an on-demand guaranteed service

BGAN X-Stream: Inmarsat's new premium IP streaming service. It guarantees streaming data rates from a minimum of 384 kbps up to approximately 450 kbps, on demand

Standard Voice: Provides global telephone service (incl. voicemail) and requires very low bandwidth – only 4 kbps for the prices of less than \$1 per minute no matter where you are travelling and whom you are calling

Premium Voice: Uncompressed audio in pristine quality, using more bandwidth than standard voice. Provides more advanced services as e.g. call waiting, call holding, call barring and call forwarding