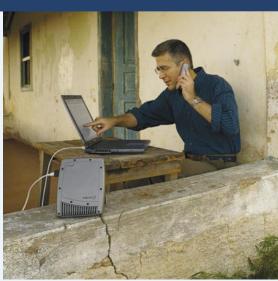Inmarsat's Broadband Global Area Network service – BGAN – is accessible via a small, lightweight, satellite terminal, which is easy to carry, quick to set up and simple to use. And you can use the same device worldwide.

A range of terminals is available, providing performance options to suit different operational needs. The service is accessed via BGAN LaunchPad, a software interface, which is standard across all terminals.

Nera WorldPro 1000

The smallest, lightest device in the range

The Nera WorldPro 1000 combines an exceptionally compact design with performance and optimal flexibility. The terminal can be separated into two parts, so users can choose between indoor and outdoor use, with no need for an external antenna.

Combined with the Nera WorldSet for voice telephony, it is ideal for single users, who need to set up a complete broadband mobile office in frequently changing locations.

Applications

- **Remote access –** high-speed access to your corporate network, enabling access to company and customer information.
- **Internet access –** access the Internet at speeds up to 384kbps.
- **Email –** send and receive email via the Internet or email applications.
- **Telephony –** make phone calls via a peripheral handset at the same time as accessing data applications.
- **Streaming –** select guaranteed quality of service up to 64kbps on demand, e.g. for video, audio.
- **File transfer –** send and receive large files.
- **Store and forward –** save and send files e.g. video.

Key benefits

Ultimate portability – at around half the size of a laptop and weighing less than 1 kilo, it is the smallest and lightest terminal in the range.

Simultaneous voice and broadband data – access your data applications and make a phone call at the same time, via the Nera WorldSet. The terminal can also be configured directly from the handset.

Highly flexible – uniquely designed to split into two separate units, so the antenna can be placed outside, while you work indoors in comfort – with no requirement for an additional external antenna. The terminal can be connected to a laptop via the USB port or Bluetooth, and via Ethernet from Q2 2006.

Global coverage – provides service anywhere within the BGAN coverage area.

Easy to use – with the one-patch antenna design, it takes less than a minute to locate a satellite communications signal. The service can be accessed via BGAN LaunchPad on your laptop, or an on-box user interface with self-explanatory indicators.

Robust – purposely designed to operate in challenging environmental conditions.

Completely secure – connect seamlessly via your preferred VPN application.

NERA

CA Clase
providing **BGAN** solutions

bgan *via* inmarsat

Physical characteristics

Weight	< 1.0kg (2.2lbs)
Dimensions	Length: 200mm (7.9")
	Width: 140mm (5.5")
	Depth: 40mm (1.6")
Interfaces	USB
	Bluetooth (up to 20m)
	- Supported profiles:
	- Service discovery application
	- Serial port
	- Dial-up networking
	- Headset profile from Q2 2006
	- Cordless telephony
	Ethernet from Q2 2006
	RJ45 (for Nera WorldSet)
User access	Via activated 3G compatible SIM card
User interfaces	
PC	BGAN LaunchPad
On terminal	Terminal control buttons and LCD
	WorldSet display and handset

Power

Power supply	AC or DC
External power	12 Volts DC, 110 – 240 Volts AC
Battery life	
Typical use	Transmit time: 5 hours
	Stand-by time: 36 hours
Battery type	Lithium-ion. Rechargeable
Input voltage	10.8-15.6 Volts DC

Tolerances

Ambient operating temperature	
Powered from external DC	-20°C to +55°C
	(+4°F to +131°F)
Powered by battery only	-20°C to +55°C
	(+4°F to +131°F)
Charging temp	0°C to +55°C
	(+32°F to +131°F)
Operating humidity	Relative humidity:
	95% non-condensing
	at +40°C (+104°F)
Water and dust	IP 44
(Ingress protection)	

Radio specifications

Maximum radiated power (EIRP)	+10dBW

Supported operating systems

Operating system	Windows: 98SE, 2000, XP
	MAC: OS 10.1 or later
	Linux: Redhat 9

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Data capabilities

IP data	
Standard IP	Background class of service
	Send: Up to 240kbps over
	a shared channel
	Receive: Up to 384kbps
	over a shared channel
Streaming IP	Guaranteed quality of service
	Send: 32, 64kbps
	Receive: 32, 64kbps
ISDN data	N/A
SMS	160 characters

Voice capabilities

Voice	4kbps
Supplementary services	Voicemail
	Call forwarding
	Call barring
	Call waiting
	Call holding

Accessories

Cabling	USB (1.8m)	S
Voice handset	Wired: Nera WorldSet (with 2m cable)/ other ISDN phones Wireless: Bluetooth handset	O
AC/DC power supply	110/240 Volts	S
Power plug	2 pin European type	S
Car charger	Off the shelf (please check with manufacturer)	O
Solar charger	Off the shelf (please check with manufacturer)	O
Pole mount kit	Fixing brackets: window mounting kit based on tripod camera mounting thread	O
Spare battery	Standard Nera battery (5 hours use, 36 hours stand-by)	O
Bag	Soft bag	O
Other	Antenna cable to connect the indoor and outdoor units in 'split' configuration	O
	DC/DC adaptor – input 10-31Volts DC	O
	Colour variations	O

Ⓢ Standard ◎ Optional

How to buy

For further information on BGAN equipment and services, contact Kay or Jason at C A Clase (UK) Ltd or visit our website.

About Nera SatCom

Nera SatCom is one of the world's leading companies in the field of satellite technology. The company is part of the Nera group with offices in 26 countries and more than 1,000 employees around the world.

For more details on this product, please contact Nera SatCom