



NERA WORLDPRO 1000 The Ultimate Communications Tool On The Move

The **Nera WorldPro 1000** is the ultimate tool for professionals working in exceptional circumstances, stopping at each remote site for only a brief period before moving on, needing a makeshift “office” instantly.

Nera has created an integrated and *extremely compact* communications device for the BGAN *broadband data and voice services*. Operating in highly challenging situations, the **Nera WorldPro 1000** nevertheless includes the most advanced functionality and is optimised for convenient use.

NERA WORLDPRO 1000

The Ultimate Communications Tool On The Move

THE SMALLEST AND LIGHTEST BROADBAND SATELLITE TERMINAL

Half the size of a laptop and weighing less than 1 kg, the Nera WorldPro 1000 meets the toughest demands for portability. Built for persistent travel and bumpy rides, the terminal can be dropped onto concrete without breaking and works just as well in a dusty desert as in a humid rain forest.

BROADBAND AND VOICE – SIMULTANEOUSLY

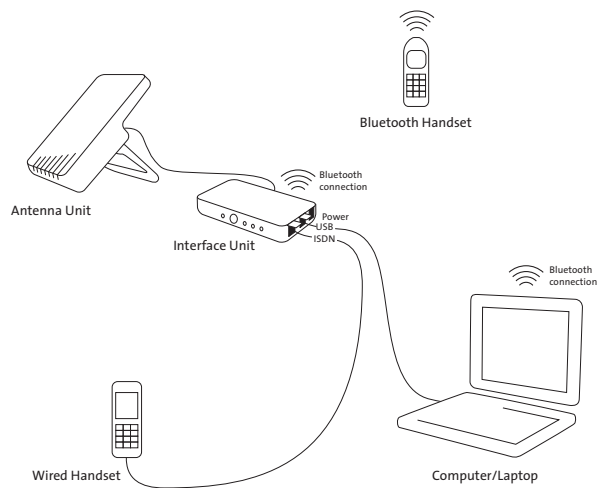
With data rates of up to 384 kbps, users of the Nera WorldPro 1000 can make use of bandwidth-hungry applications on the move without experiencing any performance issues. Simultaneously, the same terminal can transmit toll-quality voice calls.

COMPLETE FLEXIBILITY – INDOORS AND OUTDOORS

In order to cater for comfortable and secure indoor usage in risky or inhospitable environments, the Nera WorldPro 1000 can be split into two units. Both USB, ISDN and Bluetooth interfaces deliver further flexibility for users constantly adapting to new situations.

NO PLUG – JUST PLAY

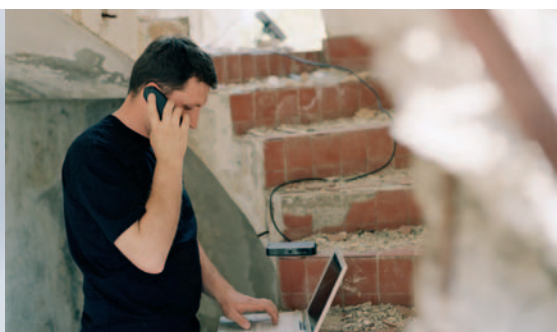
The Nera WorldPro 1000's one-patch antenna makes it extremely easy for a user to find the satellite communications signal. Self-explanatory indicators and an on-box MMI ensure that the terminal is straightforward to operate.



GCS, Inc.
7640 Omnitech Place
Victor, NY 14564
www.globalcoms.com
Phone: +1-585-742-9100
US Toll Free: 1-877-SAT-1USA



Distributor



TECHNICAL SPECIFICATIONS

Data Rates		Antenna Performance	
Transmit	240 kbps	Gain	Tx 8.5 dBic Rx 8.5 dBic
Receive	384 kbps	Beam width	+/- 30°
Streaming	32, 64 kbps symmetrical	G/T	-18.5 dB/ K
Power		EIRP	10 dBW
Input voltage	100 – 240 VAC +/- 10% 50 – 60 Hz 800 mA	Frequency range	L-band Tx 1626.5 – 1660.5 MHz, Rx 1525.0 – 1559.0 MHz
Output voltage	12 VDC +/- 10%	Battery	
Interfaces		Type	7.2 Volt 2400 mAh Li-Ion rechargeable
USB	1 connector, USB v1.1	Standby	36 hours
USB data rate	Up to 12 Mbps	Typical use	5 hours 20% activity factor
Bluetooth	Built-in Bluetooth antenna, Bluetooth v1.1	Maximum transmission	1 hour continuous transmission at > 72 kbps at nominal EIRP at edge of coverage and edge of beam
Bluetooth data rate	432.6 kbps	Maximum reception	1 hour continuously at full rate
ISDN	1 RJ-45 connector for voice handset	Time to full charge	3 hours
Environmental		Physical Data	
Storage terminal	-40 °C – +80 °C	Weight	995 g including battery
Storage battery	-20 °C – +40 °C	Dimensions	20 x 15 x 4.5 cm (Interface Unit 14.5 x 9.2 x 2.7 cm, Antenna Unit 15 x 20 x 4.5 cm)
Operational	-20 °C – +55 °C, 95% non-condensing humidity at 40 °C	Distance Interface Unit	
Light	500 W/ m ² infrared, 54 W/ m ² ultra violet	– Antenna Unit	Maximum 20 m
Visible sunshine	1120 W/ m ² MIL-SPEC 810E 505,3	Distance Interface Unit	
Sealing class	IP44	– Bluetooth device	Maximum 20 m

Nera reserves the right to make changes to product specifications without further notice.