The most important thing we build is trust.
EXPLORER 710
High-Speed, Portable BGAN Terminal

Raising the BGAN bar
EXPLORER 710 is a portable satellite terminal set to usher in a new era in the world of BGAN by setting new standards for size, speed, and features.

Smallest and Lightest
The smallest full Class 1 BGAN terminal positioned to support broadcasters by enhancing the quality of mobile outside broadcasting.

Fastest ever BGAN
The first and only BGAN terminal to support the full High Data Rate on-demand streaming service from Inmarsat. With speeds averaging 650 kbps, the EXPLORER 710 sets a new standard for mobile video newsgathering. Double the speed with Plug & Play bonding; simply connect two EXPLORER 710 terminals with an ethernet cable and achieve streaming rates over 1 Mbps.

Smart and Easy
EXPLORER 710 introduces smart devices to the world of BGAN, enabling users to connect their own smart phone for terminal control, voice calls and connectivity. The EXPLORER Connect App with a SIP softphone is available on Android and iOS.

Other features
- Built-in SIP server
- Embedded Webserver
- Advanced Router with admin control
- Wireless Access Point
- Battery hot-swap and Built-in BGAN bonding
- Remote activation and remote management

EXPLORER Connect App for iOS and Android:
Includes a SIP Softphone, Terminal Access to control your BGAN and Pointing Assistance.

EXPLORER Cellular Modem for USB:
With the EXPLORER LTE Modem you can connect local cellular networks and use the EXPLORER 510 as wireless router for all your devices.

Package
EXPLORER 710 Transceiver & Antenna incl. rechargeable lithium ion battery, Antenna cable, 2m ISDN/LAN cable, 115/230VAC power supply, Quick start guide.

Other features
- PMOLED Display: 5 navigation keys, Audio and LCD pointing aids and LED indicator, Compass
- INMARSAT Class 1 Type Approval at CE & FCC at launch. Other approvals TBC
- Battery hot-swap and Built-in BGAN bonding
- Intelligent Power Management 65W (max.)
- Quick start guide
- Lithium ion, rechargeable
- 24 hours (to be confirmed)
- 20dBW ±1dB
- 626.5 - 1660.5 MHz (Tx)
- 1518.0 - 1525.0 MHz (Rx) (EMEA)
- 1668.0 - 1675.0 MHz (Rx) (EMEA)
- 10-32VDC

Specifications

Dimensions
- Total H / W / D: 332 / 279 / 54 mm (13.07 / 10.98 / 2.13 inches)
- Weight: 3.5 kg / 7.7 lbs (incl. battery)
- Transceiver (incl. battery): 1.6 kg / 3.5 lbs

Global Services
- Voice: 4 kbps; AMBE+2
- Premium voice: 3.1 kHz audio, 64 kbps
- Standard IP: Up to 492 kbps
- ISDN: UDI 64 kbps / RDI 56 kbps
- Min. 300 kbps (Half-channel HQD)
- High Data Rate Streaming: Min. 600 kbps
- Standard: IEEE 802.11 b/g
- Interfaces:
  1 x Analogue RJ-11 phone/fax interfaces
  2 x LAN (RJ-45) interface
  1 x USB host interface: 2.0 (host), Charging up to 2A
  1 x ISDN interface
  1 x Transceiver / Antenna interface
  1 x BGAN SIM-Card slots
- Power over Ethernet: PoE Cl. 2 on one RJ-45 interface
- Max. units per port: 8

Environmental conditions
- Temperature: Operational (ambient): -25°C to +55°C / -13°F to +131°F
- Battery storage temperature: 1 year: -20°C to +20°C / -4°F to +68°F
- 3 months: -20°C to +45°C / -4°F to +113°F
- 1 month: -20°C to +60°C / -4°F to +140°F
- Water and dust: Transceiver: IP52 / Antenna: IP66
- Relative humidity: 95% non-condensing at +40°C / +104°F

Power
- DC input range: 10-32VDC
- Power consumption: Intelligent Power Management 65W (max.)
- Battery: Lithium ion, rechargeable
- Stand-by time: 24 hours (to be confirmed)
- Transmit time, max.: 2h30m @ 144 kbps
- Receive time, max.: 3h15m @ 492 kbps

Accessories
- 403720B-00500 EXPLORER 710 Terminal
- 403720B-947 50m Antenna Cable
- 403720B-945 30m Antenna Cable
- 403720B-942 10m Antenna Cable
- 71-138202-B03 02.16 LMBU
- 403630A-009 100-240VAC power supply, Quick start guide
- 403670A-00500  IP Handset incl. Cradle
- 403686G  Lithium Ion Battery
- 403650A-921 Pole Mount Kit
- 403720B-100 EXPLORER 710 Antenna
- 403720B-001 EXPLORER 710 Transceiver & Antenna incl. rechargeable lithium ion battery, Antenna cable, 2m ISDN/LAN cable, 115/230VAC power supply, Quick start guide
- 403720B-010 Battery Hot Swap Cable
- 403670A-00500 IP Handset incl. Cradle
- 403670A-042 10m Antenna Cable
- 403720B-015 30m Antenna Cable
- 403720B-047 50m Antenna Cable
- 40376A-0500 EXPLORER Cellular USB Modem

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