

COBHAM BGAN Explorer 710



Land



Voice



Video



SMS



High Speed Data



GPS



ISDN



- > BGAN terminal streaming HDR compatible
- > Up to 492 Kbps in Standard IP
- > Streaming IP up to 650 Kbps
- > Allows access to telephony, high-speed data transmission, Internet, VoIP and video broadcasting (Streaming)
- > LAN, WLAN, RJ11 & USB Interfaces
- > Integrated user interface allowing operation without a computer
- > EXPLORER Connect App (Android & iOS)
- > Simply pair 2 Explorer 710 to double the bandwidth.

Inmarsat BGAN / Explorer 710

The BGAN Explorer 710 terminal is the latest addition to the BGAN systems.

It has been completely redesigned, allowing it to connect to "high speed" services such as HDR streaming.

More robust and powerful, the Explorer 710 is the ideal solution for the media and the military to meet their connectivity needs.

The INMARSAT BGAN network has been available since the end of 2007. Very proven and reliable, the Inmarsat BGAN services allow communication on land by voice, connection to the Internet in shared mode up to 484 Kbit/s and streaming at 650 Kbit/s . Widely used in times of crisis, conflicts, back-up of existing means of communication.

Specifications

Features

Dimensions	Total : 332 x 279 x 54 mm
Weight	Total : 3.2 Kg Modem : 1.5 Kg Antenna : 1.7 Kg
Services	Standard Voice : 4 Kbps AMBE+ 2 premium Voice line: 3.1 kHz audio, 64 Kbps IP standard : up to 492 Kbps IP streaming : 32, 64 & 128 Kbps (256 Kbps & BGAN X-Stream) Streaming HDR : + 650 Kbps + 325 Kbps (Half-channel HDR) ISDN : UDI 64 Kbps / RDI 56 Kbps SMS : 160 digits
Fonctionnalité	Support for BGAN aggregation, integrated SIP server, web interface, advanced router features with administrator control, wireless access point, remote activation and control, external battery with hot swapping and intelligent energy management, power supply by solar panel
Battery	Type : Lithium-ion (rechargeable) Idle mode : 36h, 25°C Transmission time max : 2h30 @ 144 Kbps, 25°C 1h30 @ 492 Kbps, 25°C Reception time max : 3h30 @ 492 Kbps, 25°C Charging time : 2h30 Charging temperature : 0°C à + 45°C
Accessoires inclus	Terminal EXPLORER 710 (modem + antenna) Batterie Lithium-ion included Antenna cable 0.1m 2 metres cable ISDN / LAN Power supply 115 - 230 VAC Startig kit : Quick start guide

Environmental conditions

Temperature	Operational : - 25°C to + 55°C Storage (without battery) : - 40°C to + 80°C
Stockage de la batterie	1 month : - 20°C to + 60°C 3 months : - 20°C to + 45°C C 1 year : - 20°C to + 20°C
Humidité relative	95% without condensation @ + 40°C

Power

DC Power	10 - 32 VDC
Consumption	Smart power management : 65 W (max)
Power supply AC / DC	Input : 100 - 240 VAC, 47 - 63 Hz, 65 W Output : 19 VDC Connector type : 2. / 5. mm Power jack

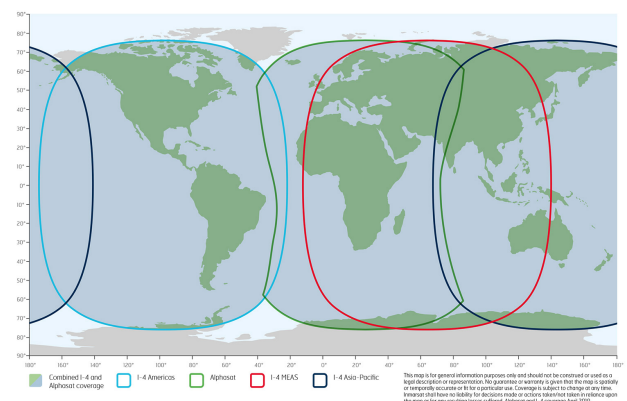
General

LCD screen	High resolution, backlit
User Interface	Five navigation keys Audio and LCD Pointing & Compass LED Indicator
Languages	English, French, German, Spanish, Russian and Chinese
Certifications	Inmarsat classe 1

Interfaces

Téléphone / Fax	2 x RJ11 Analog
Ethernet / LAN	2 x RJ-45 PoE Cl.2 interface RJ-45 Data rate : 10/100 Mbps Cable lenght : 100m max
USB	Version 2.0 Connector type : A plug Charging : up to 2A
ISDN	1 x RJ-45
Modem / Antenna	Connector type : TNC-TNC Cable lenght : 100m max Signal lose : 1.4 Ω / 20 Db @ 1. GHz
WLAN	Standard : IEEE 802.11 b/g Frequencies : 2400.0-2485. MHz Outdoor coverage : 100 m max

Coverage



Constellation Info

Type	Geostationary satellites
Satellites	4
Altitude	35 786 km
Coverage	Globale (without Poles)



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