Cobham BGAN Explorer 510

Land Voice SMS High Speed Data GPS ISDN
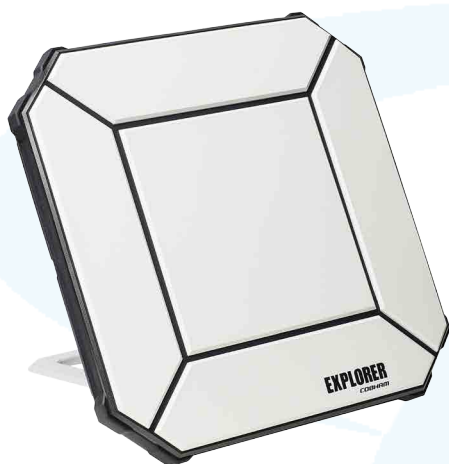
> An ideal companion combining performance, robustness and small form factor

> Up to 464 Kbps in Standard IP

> Streaming IP up to128 Kbps

> Allows access to telephony, high-speed data transmission, Internet access

> Interfaces : Wi-Fi, USB & Ethernet (via USB adaptator)

> User interface that can be consulted from a computer, a tablet and a Smartphone

> EXPLORER Connect App (Android & iOS)

INMARSAT BGAN / Explorer 510

The BGAN Explorer 510 terminal combines both robustness and portability. With connectivity of up to 464 kbps in IP standard and 128 kbps in IP streaming, the Explorer 510 is ideal for voice or data use. It is also easy to set up and use thanks to its intuitive interface accessible from a computer, tablet or smartphone.

Make calls and access the Internet with ease using the Explorer Connect App available on Android and iOS.

The service 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	202 x 202 x 51.8 mm
Weight	1.4 Kg
Services	Standard Voice: 4 Kbps Prenium Voice : 3.1 kHz audio, 64 Kbps IP standard : upload/download jusqu'à 464 Kbps IP streaming : 32, 64 & 128 Kbps SMS : 160 Digits
Battery	Type : Lithium-ion (rechargeable) Idle Mode : 36h, 0°C to + 55°C Communication mode : 3h, 0°C to + 55°C Premium Voice mode : 1h30, 0°C to + 55°C Maximum transmission time : 3h30 @ 128 Kbps, 25°C Maximum reception time : 3h30 @ 128 Kbps, 25°C Charging time : below 3h @ 0°C to + 45°C Charging temperature : 0°C to + 45°C
Accessories included	EXPLORER 510 Terminal Lithium-ion Battery Carry bag USB to Ethernet Adapter Power supply 100-240 VAC Starting kit : multilingual quick start guide Multilingual user interface (ENG, FR, GER, SP, RU,JP, CH)

Environmental conditions

Temperature	Operational (ambient): - 25°C to + 55°C Storage (without battery) : - 40°C to + 40°C
Battery storage	1 month : - 20°C to + 60°C 3 months : - 20°C to + 45°C 1 year: - 20°C to + 20°C
Humidity	95% without condensation @+ 40°C
Ingress protection	IP 66
Robustesse	Shock resistant @ 0.5m drop

Power

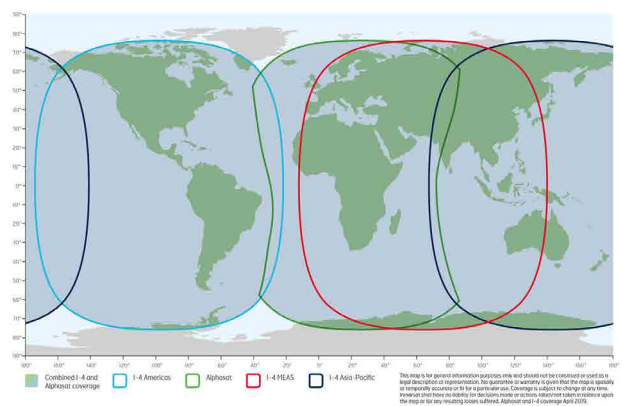|	
Consumption	Idle : 0.8 W / 14 W Charging : 38W (max) Connector type : 2.5mm EIAJ RC-5320-IV
DC Power	10.5 - 32 VDC
Power supply AC / DC	Input: 100 - 240 VAC, 47 - 63 Hz, 50 W Output : 19 VDC

General

User Interface	2 LED (WLAN, Status) 1 power button, USB port, Cobham web interface & App
Languages	English, French, German, Spanish, Russian, Japanese and Chinese
Certifications	Inmarsat classe 2 CE, FCC, IC

Interfaces

USB	Version 2.0 Connector type: A plug Charging : up to 1A
WLAN	Standard : IEEE 802.11 b/g

Coverage

Constellation Info

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