

Explorer 510

The EXPLORER 510 is an Ultra-Portable Satellite Companion

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Overview

The all new EXPLORER 510 is the smallest ever EXPLORER BGAN and the ideal combination of performance and portability. The durable magnesium casing and a dust and water resistant design makes the EXPLORER 510 the perfect choice when working off the beaten track, but still dependant on a reliable connection.

Portable performance

Smaller than a standard laptop and weighing less than 1.4 kg, this satellite terminal is easy to carry along when travelling the world.

It supports your need for performance and provides simultaneous high quality voice and broadband access at speeds up to 464 kbps.

Connect the optional EXPLORER LTE Modem to the USB port and turn your device into a true communication SmartHub. Use local cellular net when available and BGAN if no other option.

Satellite connectivity made simple

EXPLORER 510 is easy to set-up and to operate. The user interface is intuitive and can be accessed from your PC or any kind of smart device.

With the EXPLORER Connect App you can use your smart device to make calls or easily access the internet even in areas with no terrestrial or cellular coverage.

Details

Manufacturer:	• Cobham
Network:	• Inmarsat
Device Type:	• Terminal
Markets:	• Utility • Military • Events • Media

Technical Specs

Global Services	Voice: 4kbps Premium Voice: 3.1kHz audio, 64 kbps Standard IP: Up to 464 kbps Streaming IP: 32, 64, 128 kbps SMS: 160 characters supported
Interfaces	1 x USB 2.0 host interface, charging up to 1A 1 x BGAN SIM-Card slot WLAN Access Point - IEEE 802.11 b/g/n with up to 30 meters range (100 feet) Power port
User Interface	Two LED (WLAN, Status) 1 Power Button USB Host Cobham web interface
Transmit/Calling Time	2h15m @ 128 kbps on battery
Standby Time	36 hours idle standby time on battery
Security	Wi-Fi Password Control - WPA2
GPS	Yes

PHYSICAL

DC Power	10.5 - 32 VDC
Power Adaptor	100-240 volts AC input, +19VDC, 50 watt output
Battery	Standard Battery is Li-Ion rechargeable with a standby time of up to 36 hours
Dimensions H x W x D	7.8" x 7.8" x 1.6" (202 x 202 x 51.8 mm)
Terminal Weight	3.1lbs (1.4kg) including battery
Operating Temp	-25 °C to +55 °C, -13°F to +131°F
Storage Temperature	1 month: Between -20 °C to +60 °C, -4 °F to +140 °F 3 months: Between -20 °C to +45 °C, -4 °F to +113 °F 1 year: Between -20 °C to +20 °C, -4 °F to +68 °F
Ingress Protection	IP66
Compliance	Inmarsat Class 2 Type Approval, CE, FCC and IC certified