

# EXPLORER 510 Ultra-Portable Satellite Companion

## A rugged BGAN fit for purpose

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.

# **EXPLORER 510**

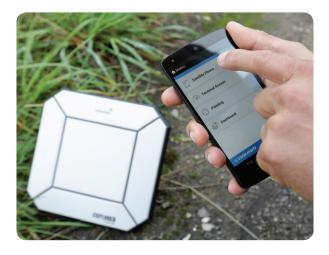


# Portable performance

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 Cellular 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. The EXPLORER Connect App with a SIP softphone is available on Android and IOS\*.

# **EXPLORER 510**

### **Ultra-Portable Satellite Companion**

#### Specifications

Dimensions

Total H / W / D: 202 / 202 / 51.8 mm 7.8 / 7.8 / 1.6 inches

#### Weight (incl. battery): 1.4kg / 3.1lbs

#### Data capabilities

Standard IP:	Up to 464 kbps
Streaming IP:	32, 64, 128 kbps

Voice capabilities Standard voice: 4 kbps Premium voice: 3.1 kHz audio, 64 kbps

Inmarsat frequencies: 1518.0 - 1525.0 MHz (Rx) (EMEA)

1525.0 - 1559.0 MHz (Rx) 1626.5 -1660.5 MHz (Tx) 1668.0 - 1675.0 MHz (Tx) (EMEA)

EIRP: 15.1 dBW ±1dB

#### User interface: Two LED (WLAN, Status), 1 Power Button

USB Host, Cobham web interface Languages: ENG, FR, DE, ES, RU, JP and CN Approvals: CE, FCC, IC, C-TICK Inmarsat Class 2 Type Approval

#### Interfaces

WLAN Access Point	
Standard:	IEEE 802.11 b/g/n
1 x USB host interfac	ce
Version:	2.0 (host)
Charging:	Up to 1A
1 x BGAN SIM-Card s	slot
Environmental	conditions
Temperature	
Operational (ambient	<b>t):</b> -25°C to +55°C / -13°F to +131°F -2
Storage:	C to +80°C / -13°F to +176°F
Battery storage ten	nperature

1 month:	-20°C to +60°C / -4°F to +140°F	
3 months:	-20°C to +45°C / -4°F to +113°F -2	20°C
1 year:	to +25°C / -4°F to +77°F	
Relative humidity:	95% non-condensing	
	at +40°C/+104°F	
Robustness:	0.5 m/1.64 ft drop on concrete	
	(operational, 95% survival)	

Water and dust: IP-66 Compiant

#### DC input range

Power

10.5-32VDC
2.8W / 19W (typical) 20W (max.) 2.5mm EIAJ RC-5320-IV
100-240VAC, 47-63Hz, 64W 19VDC
Lithium ion (rechargeable) 24h, 0°C to 55°C / +32°F to +131°Minimum 3h (TBC) 4h40m @ 128kbps 2h25m @ 128kbps Less than 3 hours 0°C to 45°C / +32°F to +113°

#### **Product number**

403711A-00500

EXPLORER 510 Terminal

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### www.networkinv.com

Americas Canada **United States**  Europe Netherlands

Asia/Pacific Singapore

United Kingdom Sweden

Australia

Cobham



#### Other features

#### EXPLORER Connect App for IOS and Android\*:

Includes a SIP Softphone, Terminal Access to control your BGAN and Pointing Assistance.

Will be available for download from Apple App Store and Google Play in March 2015.

#### EXPLORER Cellular Modem for USB\*\*:

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

\*\* To be confirmed - expected to be available in Q2 2015.

#### Package

- EXPLORER 510 terminal
- Built-in Rechargeable Lithium Ion Battery
- EXPLORER Softbag
- USB to Ethernet Converter Cable
- 100-240VAC Power Supply
- Multi-Languge Quick Start Quide
- Multi-language webserver and embedded manual (ENG, FR, DE, ES, RU, JP and CN)

