

EXPLORER™ 300

COMPACT – FOR INDIVIDUAL USAGE



EXPLORER 300 makes it easy to stay connected anywhere in the world. It is complete broadband connectivity the size of a netbook.

It is ideal for single travelers who frequently change location, consisting of only one unit – a transceiver with an integrated antenna.

- **The smallest terminal** in the EXPLORER series. Weighs only 1,4 kg. Dimensions: 16.8x21.7x5.2cm
- **A single-user terminal:** Ideal if your primarily need voice, or moderate speed standard IP internet access
- **Compact:** Easy to carry, simple system set-up and operation

Specifications

Dimensions	
H:	168mm/6.6inches
W:	217mm/8.5inches
D:	52mm/2.1inches
Weight (incl. battery)	1.4kg/3.1lbs
Data capabilities	
Standard IP	
Receive:	384kbps
Transmit:	240kbps
Streaming IP:	32, 64kbps
Voice capabilities	
Standard voice:	4 kbps
Text capabilities	
SMS	160 characters
Inmarsat frequencies	
Receiver:	1525.0 – 1559.0MHz
Transceiver:	1626.5 – 1660.5MHz
GPS	1575.42MHz
EIRP	10dBW → 1dB

Environmental Conditions

Battery storage temperature	
1 month:	-20°C to +60°C / -4°F to +140°F ambient
3 months:	-20°C to +45°C / -4°F to +113°F ambient
1 year:	-20°C to +20°C / -4°F to +68°F ambient
Operating temperature	-25°C to +55°C / -13°F to +131°F
Relative humidity	95% non-condensing at +40°C/+104°F
Robustness	0.5 m/1.64 ft drop on concrete (operational, 95% survival)
Storage temperature	-40°C to +80°C (ex. battery) -40°F to +176°F (ex. battery)
Water and dust	IP-54 (dust and spray proof in all directions)

Interfaces

1xAnalogue phone interface	
Connector type:	RJ-11
1xBluetooth interface	
Version:	1.2
Antenna:	Integrated in transceiver unit
Frequencies:	2400.0 – 2483.5MHz
Max. coverage outdoor:	25m/82ft
Max. devices connected:	1 handset, 1 PC/PDA
Profiles supported:	Cordless handset; serial port; service discovery application; dial-up networking; headset
Standard:	Power class 2
1xLAN interface	
Connector type:	RJ-45, MDI-X
Data rate:	10/100Mbps
Max. cable length:	100m/328ft (Cat5 UTP)
Standard:	ISO/IEC 8877:1992. and IEEE 802.3 (1998 edition)

Power

DC input range	10-16VDC
Power consumption	
Standby mode:	0.8W (typical)
Transmit mode:	14W (typical)
During charging:	38W (max.)
Connector type	2.5mm EIAJ RC-5320-IV
AC/DC power supply	
Input:	100-240VAC, 47-63Hz, 50W
Output:	15VDC
Battery	
Stand-by time:	30h, 0°C to +55°C/+32°F to +131°F
Standard call:	3h, 0°C to +55°C/+32°F to +131°F
Receive time, max.:	3h30m @ 64kbps, 0°C to +55°C/+32°F to +131°F
Transceive time, max.:	1h20 @ 96kbps, 0°C to +55°C/+32°F to +131°F
Min. number of charges:	300
Recharge time:	<3h
Charge temperature:	0°C to +45°C/+32°F to +113°F
Built-in Bluetooth handset charger	
	6.2VDC, 350mA

General

LCD display	Graphical high resolution Back lit
User interface	Four navigation keys and power button Audio and LCD pointing aids LED indicators Thrane & Thrane web interface BGAN LaunchPad
Languages	UK, FR, DE, ES, RU and CN (CN end 2009)
Approvals	CE, FCC, GMPCS Inmarsat Class 3 Type Approval

Features

Phonebook; Message indicator; Restricted dialing; Traffic logging; Admin control (password protected); Webserver; Router or direct mode; Network Management; DHCP; Up to 11 x PDP context; Point-to-Point Protocol over Ethernet (PPPoE)

Package

EXPLORER 300 incl. lithium ion battery (rechargeable)
LAN cable
100-240VAC power supply
Getting Started kit

Accessories

EXPLORER Bluetooth handset with charger cable
Desktop charger cradle for EXPLORER Bluetooth handset with power supply
Car charger cable
EXPLORER 2-wire handset
Soft bag
Pole mount kit for EXPLORER 300
100-240VAC power supply
Lithium ion battery (rechargeable)
Dummy battery