

## 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: 16.8 x 21.7 x 5.2 cm
- **A single-user terminal:** Ideal if you primarily need voice, or moderate speed standard IP internet access
- **Compact:** Easy to carry, simple system set-up and operation

## Specifications

### Dimensions

Total H / W / D: 168 / 217 / 52 mm  
6.6 / 8.5 / 2.1 inches

**Weight (incl. battery)** 1.4 kg / 3.1 lbs

### Global Services

Voice: 4 kbps AMBE+2  
Standard IP: Up to 384 kbps  
Streaming IP: 32, 64 kbps  
SMS: 160 characters

### Inmarsat BGAN frequencies

Receive (Rx): 1525.0 – 1559.0 MHz  
Transmit (Tx): 1626.5 – 1660.5 MHz

**GPS:** 1575.42 MHz  
**EIRP:** 10dBW ±1dB

## Environmental Conditions

### Temperature

Operational (ambient): -25°C to +55°C / -13°F to +131°F  
Storage: -40°C to +80°C / -40°F to +176°F (ex. battery)

### Battery storage

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

**Relative humidity:** 95% non-condensing at +40°C / +104°F

**Robustness:** 0.5m / 1.64ft drop on concrete  
(operational, 95% survival)

**Water and dust:** IP54 (dust and spray proof in all directions)

## Interfaces

### 1 x Analogue RJ-11 phone interface

### 1 x Bluetooth interface

Version: 1.2  
Antenna: Integrated in transceiver unit  
Frequencies: 2400.0 – 2483.5 MHz  
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

### 1 x LAN interface

Connector type: RJ-45, MDI-X  
Data rate: 10/100 Mbps  
Max. cable length: 100m / 328ft (Cat5 UTP)  
Standard: ISO/IEC 8877:1992, and IEEE 802.3 (1998 edition)

### 1 x BGAN SIM-Card slot

## Power

**DC input range:** 10-16VDC

### Power consumption

Standby mode: 0.8W (typical)  
Transmit mode: 14W (typical)  
During charging: 38W (max.)

### AC/DC power supply

Input: 100-240VAC, 47-63Hz, 50W  
Output: 15VDC  
Connector type: 2.5mm EIAJ RC-5320-IV

### Battery

Type: Lithium ion (rechargeable)  
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  
Transmit time, max.: 1h20 @ 96 kbps, 0°C to +55°C / +32°F to +131°F  
Receive time, max.: 3h30m @ 64 kbps, 0°C to +55°C / +32°F to +131°F  
Min. number of charges: 300  
Recharge time: Less than 3 hours  
Charge temperature: 0°C to +45°C / +32°F to +113°F

## 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  
**Languages** UK, FR, DE, ES, RU and CN  
**Approvals** CE, FCC, GMPSC  
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, Remote Management, Up to 11 x PDP context, Point-to-Point Protocol over Ethernet (PPPoE)

## Package

EXPLORER 300 terminal incl. rechargeable lithium ion battery  
LAN cable  
100-240VAC power supply  
Getting started kit: Quick start guide, CD with manuals

## Accessories

Car charger cable  
EXPLORER 2-wire handset  
Lithium ion battery (rechargeable)  
Pole mount kit  
100-240VAC power supply  
Soft bag

## Product Number

403705A EXPLORER 300 Terminal