



Thrane&Thrane – Explorer 300

The BGAN Explorer 300 terminal is the smallest terminal of the BGAN range. Like the other terminals it allows direct access to voice and high speed data services simultaneously. It offers standard IP connection rates up to 384 Kbit/s. The Explorer 300 offers streaming at 32, 64 Kbit/s data rates.

This terminal is the perfect solution for mobile office in all circumstances and for all users.

The main characteristics are:

- IP access up to 384 Kbit/s
- Streaming up to 64 Kbit/s
- Access to the following services: voice calls, high speed data transmission, Internet, IP voice, FoIP, video streaming
- LAN, Bluetooth and RJ11 interfaces
- Integrated user interface suitable without using a computer
- Whole range of optional accessories



Thrane&Thrane – Explorer 300

Specifications

Radio

Antenna

Type Integrated
EIRP 15.1 dBW +/- 1dB
Frequencies 1626.5-1660.5 MHz
1525.0-1559.0 MHz
1575.42 MHz

Data rates

Transmit Up to 384 Kbps
Receive Up to 248 Kbps
Streaming 32, 64 Kbps symmetric

Interfaces

Phone

Standard 600 Ohms CCITT Rec 473
Connection RJ11

Ethernet / LAN

Standard ISO/IEC 8877:1992 and
802.3 1998 edition
Connexion RJ45 MDI-X
Cable size 100m on CAT5 maximum

Bluetooth

Version Bluetooth specification 1.2
Standard Power Class 1
Frequency 2400.0-2483.5 MHz
Rate 1 Mbps
Range RF 100m (outdoor)

Accessories

Included with the terminal

Electronic unit
AC/DC charger
Battery
USB cable
Ethernet cable
Installation CD

Power

DC Input 10 – 16 VDC

Consumption

Stand-by 0.8 watts
Transmission 14 watts
En charge 38 watts max

Power adaptor

Input 100 – 240 VAC, 47 – 63 Hz
Output 15 VDC

Battery

Type Li-Ion
Life 3h30 @ 64 Kbps
36h in stand-by

Physical

Terminal

Size 168 x 217 x 52 mm
Weight 1.3 Kg

Environmental

Operating temperature

Charging -25°C to +55°C
On battery 0°C to +55°C

Storage temperature

Without battery -40°C to 80°C
With battery -20°C to +45°C (3 months)

Humidity

Operating 95%

Protection

IP54



E-SAT

121 rue Aristide Briand – 92300 Levallois Perret – France
Tél. : +33 1 41 06 99 20 – Fax : +33 1 47 37 24 13
www.e-sat.fr – info@e-sat.fr – www.bgan.fr