

The Cobham BGAN Explorer 325 from Network Innovations is a compact BGAN system for on-the-move communication.



The system consists of three fully integrated units – a transceiver, an IP handset and a roof mountable antenna with magnetic mounts.

Compact, Reliable, Mobile.

- **Broadband on the Move** - The EXPLORER 325 operates on the Inmarsat BGAN service to deliver voice and broadband services on a near global basis. Transmit data and make phone calls simultaneously while your vehicle is moving!
- **Reliable Communications** - Robust, simple and functional design to minimize risk of failure. Based on the proven technology of the EXPLORER BGAN Series. IP-56 rated antenna, dust and spray proof from all directions.
- **High Performance** - Standard data connectivity up to 384 kbps. Streaming IP up to 128 kbps. Supports PSTN devices including fax machines. Automatic spot-beam handover. Incorporated blocking recovery.
- **User Friendly** - Status LED's on front panel. Familiar EXPLORER web interface. IP Handset display and keypad. DHCP will automatically assign IP addresses to the devices attached. Automatically registers on the network when activity is detected on the LAN interface.
- **Voice Options** - Phone book, message indication, restricted dialing and traffic logging.
- **Compact** - The auto tracking antenna is compact and lightweight, ideal for vehicles on-the-move. It is designed for robust and durable use.

Simple Installation & Configuration

Whether you're engaged in humanitarian operations, cargo transportation, broadcasts or telemedicine, you need easy deployable communication equipment you can always rely on. Simply place the antenna on the roof, connect the antenna and your PC to the EXPLORER terminal, switch on the Thrane & Thrane IP Handset and the vehicle is turned into a mobile communication hub.

EXPLORER 325

Package Includes:

- EXPLORER 325 transceiver
- EXPLORER 325 tracking antenna with magnetic mount
- Antenna cable, coax w/ TNC plug (2.7m / 8.8ft)
- Ethernet cable (2m / 6ft)
- Thrane & Thrane IP handset w/ cradle & coiled cable
- Getting started kit: Quick start guide, CD with manuals
- 12/24V DC input cable (3m / 9.8ft)



Specifications

Dimensions HxWxD

- Transceiver 41 x 231 x 278 mm, 1.6 x 9.1 x 10.9 inches
- Antenna 128 x Ø349 mm, 4.72 x Ø13.8 inches

Weight

- Antenna: 3.6kg / 7.9lbs (excl. magnets)
- Transceiver: 2.2kg / 4.9lbs

Global Services

- Voice: 4 kbps AMBE+2"
- Premium voice: 64 kbps (@elevation>45°)
- Standard IP: Up to 464 kbps"
- Streaming IP: 32, 64, 128 kbps"
- SMS: 160 characters

Guaranteed Service

- Works above 5° elevation Inmarsat frequencies:
1525.0 – 1559.0 MHz (Rx)
- 1626.5 – 1660.5 MHz (Tx)

User Interface

- Power On/Off button. DC power input connector with Remote on/off and locking mechanism
- Status LEDs for Power, Transceiver, Antenna, and Messages
- Thrane & Thrane web interface
- Factory default reset

Languages

UK, FR, DE, ES, RU and CN

Approvals: CE, GMPCS, FCC

- Inmarsat Land Class 10 Type
- Approval (Vehicular)

Environmental Conditions

Temperature:

- Operational: -25 to +55°C / -13 to 131°F
- Survival: -40 to +80°C / -40 to 176°F
- Storage: -40 to +85°C / -40 to 185°F

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

Water and dust (IP-rating)

- Transceiver: IP31
- Antenna: IP56