

## BGAN EXPLORER 727

The EXPLORER 727 is a high-speed, vehicular broadband terminal. It consists of three fully integrated units – a transceiver, an IP handset and a roof mountable antenna.

It gives access to the highest data rates on the BGAN network as well as normal and high quality audio, while on the move.



Live media broadcast and defence or humanitarian operations requires communication equipment that you can always rely on. With EXPLORER 727 you get the most comprehensive and best in class mobile communication hub.

### High-Speed Broadband On-The-Move

The antenna automatically tracks satellite positions enabling high-speed connectivity while on-the-move. Simultaneous 432 kbps data and phone calls – even at speeds in excess of 200 km/h.

### Mobile Communication

Place the antenna on the roof of your vehicle to turn it into a complete mobile communication hub. Access to the internet and phone networks is provided instantly.

### Live Streaming - Or Store-And-Forward

Facilitates both live streaming and store-and forward, and enables direct transmissions from the hot spots of the world. Utilise the highest streaming rates available on BGAN with BGAN X-Stream when the terminal is standing still (on-the-pause).

### Typical Applications:

- Simultaneous voice and data
- Legacy analog and ISDN crypto devices
- IP crypto
- Surveillance
- Back-up
- Live broadcast
- High quality audio broadcasting
- Video conferencing
- Large file transfer
- Voice over IP (VoIP)
- VPN
- Access web and mail
- Stream video
- SIPR/NIPR



## Specifications

---

**Dimensions** Transceiver: 42.5 mm (L) x 231 mm (W) x 273 mm (D)  
Antenna: 152 mm (L) x 477 mm (H)

**Weight** Transceiver: 2.5 kg  
Antenna: 6 kg

---

**Operating Temperature** -25 °C to +55 °C

**Survival Temperature** -40 °C to +80 °C

**Storage Temperature** -40 °C to +85 °C

---

**Humidity** 95% RH at +40 °C

---

**Standard IP** Up to 492 kbps

**Streaming IP** 32, 64, 128, 256 kbps

**BGAN X-Stream** Min. 384 kbps on-the-pause

---

**Durability (water & dust)** Transceiver: IP31  
Antenna: IP56

---

