

Vehicular BGAN Systems

HNS-9350 BGAN by Hughes Network Systems

The HNS-9350 uses a fully autonomous tracking antenna that acquires and stays locked onto the satellite signal while a vehicle is in motion. This versatile vehicular BGAN supports multiple users over multiple interfaces and is based on the widely used Inmarsat satellite technology. The HNS-9350 low-profile antenna mounts on the vehicle roof while the transceiver offers multiple mounting options within the vehicle.

Features:

- Easy antenna installation on vehicle roof (magnetic mount)
- Uses 12/24 VDC power source
- ISDN (4 kbps voice and 64 kbps data)
- Ethernet and 80211.b WLAN
- Simultaneous use of Ethernet, ISDN, USB, phone (RJ-11), and WLAN are allowed.
- Up to 11 simultaneous user sessions
- BGAN Class I terminal operation up to 492 kbps for standard data and 256 kbps for streaming data



HNS-9350 kit includes: BGAN Land Mobile Tracking Antenna, Auxiliary Control Unit (ACU), Four-foot RF cable for the connection between terminal and ACU (RG223 with SMA connectors), 18' RF cable for the connection between ACU and antenna (RG223 with TNC connectors), 3 magnetic feet with washers and nuts, Hughes 9350 terminal, DC/DC power supply, serial data cable, 2 Ethernet/ISDN cables for user terminal connections, battery, CD-ROM with LaunchPad MMI software, DC power extension cable with filter, vehicular install bracket, accessory mounting plate, mounting hardware.

Specifications:

- Transceiver size: 10.4" x 8.4" x 1.76" (inside vehicle)
- Transceiver weight: 5.3 lb
- Tracking antenna dimensions: 19.1" diameter x 6.1" high
- Tracking antenna weight: 12.1 lb
- Interfaces: Ethernet, USB, ISDN, phone (RJ-11), fax (RJ-11), 802.11.b WLAN
- Operating temperature: -25 to +55°C.
- Water & Dust: IP-56 rated
- Operational survival: (magnetic mount) survival 100 mph

EXPLORER™ 727 by Thrane & Thrane

Thrane & Thrane has a strong legacy of providing reliable land mobile terminals. This system gives your land vehicle access to Inmarsat's BGAN-X services even while in motion. Though its antenna is presented in desert tan, it is designed to stand up to cold, hot, or wet environments. Components include a fully integrated electronic tracking antenna, transceiver, IP handset with cradle, 5-m Ethernet cable, mounting kit, 12/24 VDC power cable, manual, and CD.

Features:

- BGAN Class I terminal operation up to 432 kbps for standard data and 256 kbps for streaming data
- Standard Voice (RJ-11)
- Premium Voice (ISDN 3.1 KHz audio)
- Fax (ISDN 3.1 KHz audio)
- ISDN* UDI/RDI 64kbps and 56 kbps
- Uses 12-32 VDC power source

EXPLORER 727 Kit includes: Tracking Antenna, Vehicular Transceiver, IP Handset w/Cradle, Ethernet cable, External Mounting Kit, Antenna Cables, Fixed Antenna Mounting Kit, Quick Start Guide, LaunchPad CD and User Guide CD



Specifications:

- Antenna Weight: 13.2 lbs (6 kg)
- Antenna Dimensions: 18.76" diameter x 6.3" high
- Transceiver Weight: 5.5 lbs (2.4 kg)
- Transceiver Size: 10.63" x 9.72" x 1.67" (inside vehicle)
- Interfaces: Ethernet x 4, ISDN, phone x 2(RJ-11), IO Port
- Operating temperature: -25 to +55°C
- Water & Dust IP-56 rated

