



Land Portable & Vehicular BGAN by Thrane & Thrane

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Broadband Global Area Network (BGAN):

The new BGAN broadband satellite network uses geosynchronous satellites to keep you connected even from extremely remote locations using small portable terminals. BGAN can give you virtually any communication capability that you could need, including: high speed internet, voice, fax, SMS short messaging, 64 kbps ISDN, and streaming IP data for video or VPN applications. You can make voice calls while you are on the internet. Depending on the model selected, internet access reaches up to 492 kbps↓↑.

EXPLORER™ 700:

Designed for maximum feature depth and robustness, this terminal is a favorite of media and government users. The EXPLORER™ 700 has two Ethernet (RJ-45) ports and 802.11 a/b/g WLAN access. If that isn't enough, it offers USB and class I BlueTooth data connections. It has an IP 66 rated all-weather active antenna that can be mounted outside permanently and remoted from the transceiver by up to 70 meters. Two RJ-11 ports let you connect a analog phone (4 kbps voice) and a fax/modem device (ISDN 3.1 KHz audio) simultaneously to the terminal. An optional BlueTooth handset lets you talk wirelessly up to 100 meters from the terminal. You can select streaming data rates from 32 kbps to 256 kbps for applications that need assured Quality of Service such as VoIP, video, or VPN. Standard IP data reaches up to 492 kbps↓↑.

OPTIONS: cordless Bluetooth voice handset, corded voice handset, car charger, watertight impact case, external battery pack, solar charging system, SkyFile email/fax/video software, Vocality VoIP unit, SkyPipe data encryption unit/service, 10 and 30 meter antenna cables, Tandberg MXP Secure/Tactical Videoconferencing unit.

EXPLORER™ 727 (Vehicular BGAN):

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.







EXPLORER™ 700

shown with optional BlueTooth handset

- Standard data up to **492 kbps**↓↑
- Streaming data up to **256 kbps**
- Voice: Optional BlueTooth handset or optional analog phone using RJ-11 Port.
- Weight with battery: 7 lb (3.2 kg)
- Dimensions: 11.3"x15.6"x2"
- 2 RJ-11 Ports: 4 kbps voice, 3.1 KHz Audio
- 2 ISDN ports (voice, 64 kbps, 3.1 kHz audio)
- Data Access: Ethernet (Two RJ-45), USB 1.1, BlueTooth, WLAN (802.11a/b/g, 328 ft max)
- Removable Active Antenna: up to 229ft (70 m)
- Li-Ion Battery Performance:
 - 36 hrs of standby operation RT
 - 3.5 hrs download at 492 kbps (756 MB) RT
 - 1.5 hours upload at 492 kbps (324 MB) RT
 - Recharge time under 2.5 hours at RT
- AC Power: 100-240VAC 47-63Hz
- DC Power Requirements: 10-32 VDC
18 Watt during transmit; 60 W max during charging
- Ingress protection: Transceiver: IP52 Ant.: IP66
- Operating Temp: -13 to 131°F (-25 to +55°C)
- Humidity: 95% non-cond. humidity 40°C



727 Antenna Unit
(permanent mount version)

	Portable Class I BGAN		Land Vehicle BGAN	
	HNS-9201 Class I BGAN	EXPLORER™ 700 Class I BGAN	HNS-9250 Vehicular BGAN	EXPLORER™ 727 Vehicular BGAN
MAX RATE OF STANDARD IP	Class I 492 kbps ↑↓	Class I 492 kbps ↑↓	448↑ 464↓ kbps	432 kbps
MAX RATE OF STREAMING IP	256 kbps	256 kbps	128 kbps	256 kbps
ISDN DATA 64 kbps (RJ-45)	✓	✓ Two RJ-45 ports but only supports one ISDN channel	✓	✓ ISDN requires elevation angle above 15°
STANDARD PHONE PORT (RJ-11)	✓ optional adapter	✓ 2 RJ-11 but only one voice channel	✓ optional adapter	✓ 2 RJ-11 but only one voice channel. Cradled handset with 16.4 ft coiled cable.
PREMIUM VOICE	✓	✓	✓	✓
BLUETOOTH VOICE & DATA	NO	✓	NO	NO
WLAN	✓ 802.11b	✓ 802.11a/b/g	✓ 802.11b	NO
ETHERNET RJ-45 PORT	✓	✓ 2 ports	✓	✓ 4 ports
USB Port	✓	✓	NO	NO
Digital I/O Port	NO	✓	NO	✓
FAX PORT	✓ optional adapter	✓	✓	✓
DISCUSSION	<p>Smallest and overall most rugged Class I</p> <p>Optional kit for external mounting</p>  <p>Ingress Rating: IP55</p>	<p>Removable Active Antenna (up to 196 ft)</p>  <p>Ingress Rating: IP52 (transceiver) IP66 (antenna)</p>	<p>Uses 12/24 VDC power.</p> <p>Up to 11 simultaneous user sessions.</p>  <p>Ingress Rating: IP56 (rating for antenna only)</p>	<p>Optional magnetic mount antenna.</p> <p>Heavy duty 10-32 VDC power input plug with remote on/off.</p>  <p>Ingress Rating: IP56 (rating for antenna only)</p>
SIZE & WEIGHT	10.8 x 13.6" 6.2 lb	11.4 x 15.7" 7.1 lb	Antenna: 11.0 lb 6.0" High 18.78" Dia Transceiver: 6.2 lbs	Antenna: 13.2 lb 6.3" High 18.76" Dia Transceiver: 5.5 lbs


INTERNAL USE ONLY: REP: _____

BP: _____ Order #: _____

HARDWARE ORDER: (03182008)

QTY	DESCRIPTION OF ITEMS BEING PURCHASED:	PART #	UNIT PRICE
	HNS-9201 Standard Kit (new, 12-mo warranty) Includes terminal, battery, AC charger, travel adapters, USB cable, ISDN cable, Ethernet cable, manual & CD. <input type="checkbox"/> Add \$100 to increase warranty to 24 months	6713100	\$2295 while current inventories last
	Used HNS-9201 Standard Kit (used, 6-mo warranty)	6713100-R-K02 limited supply	\$1595
	HNS Terminal Adapter with Corded Phone Handset Port 1 used for conventional analog phones. (Powered by HNS-9201) Port 2 used for 3.1 kHz audio for modem and G3 fax applications	6714014 and 6614010	\$299
	Fixed Mounting Kit for HNS-9201 (external antenna applications)	6713104	\$240
	Pelican 1550 Watertight Transport Case with custom foam Color: Black Includes foam insert for HNS-9201/ typical accessories; 20.75" x17.25"x8.63"	5017030 with foam	\$212
	Padded SoftCase with separate detachable softcase for accessories	5040002 3199006	\$45
	Extended Life Li-Ion Battery for HNS-9201	6713103X	\$195
	Spare AC Power Adapter for HNS-9201	6713101	\$74
	International Plug Kit for AC Power Adapter	6713109	\$22
	DC Charger for HNS-9201	6713102	\$85
	PowerBase NiMH 90 Watt-Hour battery pack (requires DC Charger above) Includes AC charger.	3023000	\$175
	EXPLORER™ 700 Standard Kit (new, 12-mo warranty) Includes Class I BGAN terminal, Li-Ion battery, AC/DC power supply, Ethernet/ISDN Cable, USB cable and Manual & Drivers on CD-ROM.	6711007	\$4895 while current inventories last
	Pelican 1550 Watertight Impact Case for EXPLORER™ 700 Color: Black	5017030	\$212
	Bluetooth Cordless Handset and AC desk charger	6799001	\$399
	Li-Ion Battery for EXPLORER™ 700		\$300
	10-meter antenna cable for the EXPLORER™ 700	custom order	\$110
	30-meter antenna cable for the EXPLORER™ 700	custom order	\$285
	60-meter antenna cable for the EXPLORER™ 700	custom order	\$1065
	Pole Mount Kit for EXPLORER™ 700	custom order	\$350
	Car charger for EXPLORER™ 300/500/700	6711002	\$75
	HNS-9250 Vehicular BGAN System (new, 12-mo warranty)	custom order	\$17,500
	EXPLORER™ 727 Vehicular BGAN Terminal (new, 12-mo warranty)	custom order	\$19,995
	Other:		

By signing below, Customer is purchasing the selected items from Outfitter Satellite, Inc. and agrees that the terms and conditions and payment method described in the separately executed CUSTOMER ACCOUNT SETUP AGREEMENT apply. Service contract is required for phone purchases. Used phones have 6-month warranty excluding battery / cable components.

 **CUSTOMER SIGNATURE:** _____ **DATE:** _____

If no other instructions are specified, the default shipping method and address on file for your account will be used.

FedEx Ground FedEx 2-Day FedEx 3-Day FedEx Priority Overnight FedEx Saturday Delivery

SPECIAL SHIPPING INSTRUCTIONS: _____