



Lightweight BGAN Terminals

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BGAN or the Broadband Global Area Network uses the Inmarsat satellite network to provide mobile broadband internet and voice calling capabilities similar to what you probably have in your home or office.

Various BGAN models are available with differing features and capabilities, depending on the performance you require with flexible prepaid or pay-as-you-go service plans.



EXPLORER™ 100

The smallest BGAN available (shown top right) offers internet access speeds up to 384 kbps and weighs only 2.2 lb. It is easy to use via USB or Bluetooth on Windows computers with Vista or XP or most Macintosh computers except Snow Leopard. Voice calls are made using an optional Bluetooth handset (shown top middle) or an optional terminal adapter for standard phones. Soft Fax, FTP and filtered Email are available for Windows computers using optional SkyFile software..

Kit includes: terminal (antenna unit and interface unit) Li-Ion battery, AC wall charger (110-240 VAC), DC car charger, USB cable, user manual, install CD, and padded softcase with back-pack strap. **Options include:** Pelican case, solar charger, external battery pack, Bluetooth handset (shown top middle with AC desktop charger), and NetBook computer (shown top left).

Specifications:

- Weight with battery: 2.2 lb (0.995 kg)
- Dimensions: 7.9" x 5.9" x 1.8" (20 x 15 x 4.5 cm)
- Battery Life: 36 hrs of standby at room temp
- Battery Recharge Time: 3 hours Standard data up to 384 kbps↓ 240 kbps ↑
- Data Access: USB version 1.1; Bluetooth
- AC Adapter Input Power: 100-240VAC 50/60 Hz
- Operating Temp: -4°F to 131°F (-20°C to +55°C)
- Operating Humidity: 95% non-condensing 40°C

WIDEYE

The Wideye is slightly larger and weighs 3.6 lbs. It offers the same internet performance but has a standard RJ-45 Ethernet Port and an RJ-11 port for conventional phone equipment. It also offers Bluetooth voice and data. Mac and Windows 7, XP and Vista computers are supported.

Kit includes: terminal, soft case, handset, battery, Ethernet cable, AC wall charger with US/Euro/UK phone cords, CD and user manual. **Options include:** DC car charger, Pelican case, solar charger & external battery pack.



Wideye Sabre I

Specifications:

- Standard IP: up to 384 kbps↓ 240kbps↑
- 10.2 x 7.7 in (25.9 x 19.5 cm)
- Terminal Weight: 3.6 lb
- Standard Kit Weight: 7.7 lb (with case)
- Ethernet and Bluetooth data interfaces
- Swiveled antenna for easy pointing

EXPLORER™ 500 BGAN

This work horse BGAN by *Thrane & Thrane* is designed to have the best possible combination of performance and feature depth without getting too bulky. It offers an Ethernet RJ-45 port, a USB port, and Bluetooth wireless data connections. You can select streaming data rates up to 128 kbps for video or secure communications.

An RJ-11 port lets you use standard 4 kbps voice or 3.1 kHz audio “premium” voice services. You can also configure the RJ-11 port to support a standard G3-fax or analog modem application.

Bluetooth can make wireless voice and internet connections possible up to 328 feet from the terminal. An optional Bluetooth handset is available from Outfitter Satellite.

Secure STU-III calls are supported using the RJ-11 port in ISDN 3.1 KHz audio mode or via 32 kbps streaming with optional VoIP equipment.

Specifications:

- Standard data up to **432 kbps** ↓ **344 kbps** ↑
- Streaming up to 128 kbps
- Optional Bluetooth handset or analog phone (RJ-11)
- RJ-11 Port supports 4 kbps voice or 3.1 KHz Audio
- Data Access: Ethernet (RJ-45), USB and Bluetooth
- Dimensions: 8.5" x 8.5" x 2.1" (21.8x21.7x5.2cm)
- Weight with battery: 3.3 lb
- Li-Ion Battery Life: 36 hrs of standby operation
- AC Power Requirements: 100-240VAC 47-63Hz
- DC Power Requirements: 10-16 VDC
14 Watt during transmit; 38 W max during charging
- Ingress protection (against water/dust): IP54
- Operating Temp: -13°F to 131°F (-25°C to +55°C)
- Operating Humidity: 95% non-condensing humidity at 40°C

All-Weather Enclosure:

This option allows permanent external mounting of your EXPLORER™ 500 with IP67 rated ingress protection. IP67 means totally protected against dust and protected from immersion between 15 cm and 1 m. A single integrated cable up to 75 meters (246 ft) long connects the enclosed EXPLORER™ 500 to an inside “breakout box” which replicates the RJ-45 Ethernet port, the RJ-11 port, and the power port.

- Enclosure size: 9.84" x 15.75" x 4.92"
- Pole mount kit with adjustable elevation angle
- Optional heating for operation down to -55°C (-67°F)



(Iridium 9505A shown for scale)

EXPLORER™ 500

Standard Kit Includes: terminal, Li-Ion battery, universal AC charger (110-240 VAC), Ethernet Cable, USB cable, manual and drivers on CD-ROM, and voice handset.





Options include: cordless Bluetooth voice handset, corded voice handset, car charger, watertight impact case, external battery pack, solar charging system, SkyFile email/fax software, VoIP system, CPN enclosure unit.



EXPLORER™ 300

- Standard data up to **384 kbps** ↓ **240 kbps** ↑
- Streaming data up to **64 kbps**
- Optional Bluetooth handset or analog phone (RJ-11)
- RJ-11 Port supports 4 kbps voice or 3.1 KHz Audio
- Data Access: Ethernet (RJ-45), USB and Bluetooth
- Dimensions: 6.6" x 8.5" x 2.1" (16.8x21.7x5.2cm)
- Weight with battery: 3.1 lb
- Li-Ion Battery Performance:
 - 36 hrs of standby operation RT
 - 3.5 hours download at 64 kbps RT
 - 1.3 hours upload at 96 kbps RT
 - Recharge time under 3 hours at RT
- AC Power Requirements: 100-240VAC 47-63Hz
- DC Power Requirements: 10-16 VDC
14 Watt during transmit; 38 W max during charging
- Ingress protection (against water/dust): IP54
- Operating Temperature: -13°F to 131°F
- Operating Humidity: 95% non-condensing humidity at 40°C

Compare Various Small BGAN Terminals...

	EXPLORER™ 100	WIDEYE	EXPLORER™ 300	EXPLORER™ 500
MAX RATE OF STANDARD IP	Class III 240↑ 384↓ kbps	Class III 240↑ 384↓ kbps	Class III 240↑ 384↓ kbps	Class II 448↑ 464↓ kbps
MAX RATE OF STREAMING IP	64 kbps	64 kbps	64 kbps	128 kbps
ISDN DATA 64 kbps	NO	NO	NO	✓ using USB data port
STANDARD PHONE PORT (RJ-11)	NO But optional adapter for RJ-11 phone port is available	✓ Corded handset included.	✓	✓ also supports premium voice services
BLUETOOTH VOICE & DATA	✓	✓	✓	✓
ETHERNET RJ-45 PORT	NO	✓	✓	✓
USB PORT	✓	NO	NO	✓
FAX PORT	NO software based faxing is supported on Windows machines	NO	✓ but must reconfigure phone port for fax service	✓ but must reconfigure phone port for fax service
DISCUSSION	<p>SMALLEST AND LIGHTEST BGAN</p>  <p>Ingress Rating: IP44</p>	<p>Optional IOTA Box for rapid development of SCADA applications</p>  <p>Ingress Rating: IP54</p>	<p>Optional Fixed Installation Unit for permanent mounting in harsh weather conditions</p>  <p>Ingress Rating: IP54</p>	<p>Slightly higher bandwidth and feature depth than Class III units.</p> <p>Optional Fixed Installation Unit for permanent mounting in harsh conditions</p>  <p>Ingress Rating: IP54</p>
SIZE & WEIGHT	7.9 x 5.9" 2.2 lb	10.2 x 7.7" 3.6 lb	8.5 x 6.6" 3.1 lb	8.5 x 8.5" 3.3 lb

INTERNAL USE ONLY: REP: _____

BP: _____ Order #: _____

HARDWARE ORDER: (06052011)

QTY	DESCRIPTION OF ITEMS BEING PURCHASED:	PART #	UNIT PRICE
	EXPLORER™ 100 Standard Kit (new, 12-mo warranty) Includes interface unit, antenna unit, padded soft case, Li-Ion battery, universal AC charger (110-240 VAC), DC charger, USB cable, user manual, install CD. FREE SOFTCASE INCLUDED [] Add \$330 Bluetooth Handset and desktop charger [] Add \$76 Pelican Case (black) [] Add \$495 WorldSet (ISDN Voice Handset) [] Add \$295 10-meter antenna cable [] Add \$135 Extra Battery (Li-Ion) [] Add \$599 NetBook PC (with Windows XP, AC and DC "car" chargers)	6714001 6799001 BlueTooth 5017166 Pelican 6714002 Worldset 6714010 10-m Cable 6714007 Battery XXXXXXXXX NETBOOK	\$1395 while current inventory lasts
	USED EXPLORER™ 100 Standard Kit (used, 6-mo warranty) Includes interface unit, antenna unit, padded soft case, Li-Ion battery, universal AC charger (110-240 VAC), DC charger, USB cable, user guide, install CD. FREE SOFTCASE INCLUDED [] Add \$599 NetBook PC (ultra bright anti-glare screen, with Windows XP)	6714001-R-K01 XXXXXXXXX NETBOOK	\$695 while current inventory lasts
	WIDEYE SABRE Standard Kit (new, 12-mo warranty) Includes terminal, soft case, voice handset with phone cord, battery, Ethernet cable, AC power adapter with US/Euro/UK power cords, CD and manual. FREE SOFTCASE INCLUDED [] Add \$50 to increase Wideye warranty to 24 months [] Add \$330 Bluetooth Handset and desktop charger [] Add \$99 DC "Car" Charger [] Add \$76 Pelican Case (black) [] Add \$119 Extra Battery [] Add \$99 AC "Wall" Charger (110-240VAC with US/Euro/UK cords)	6716001 6799001 BlueTooth 6716003 DC charger 5017166 Pelican 6716006 Battery 6716004 AC Charger	\$1495
	USED WIDEYE SABRE Standard Kit (used, 6-mo warranty) Includes terminal, soft case, voice handset with phone cord, battery, Ethernet cable, AC power adapter with US/Euro/UK power cords, CD and manual. FREE SOFTCASE INCLUDED [] Add \$50 to increase Wideye warranty to 12 months [] Add \$330 Bluetooth Handset and desktop charger	6716001 6799001 BlueTooth	\$995 while current inventory lasts
	EXPLORER™ 300 (new, 12-mo warranty) Includes terminal, padded soft case, Li-Ion battery, universal AC charger (110-240 VAC), Ethernet Cable, USB cable, manual, CD-ROM, and voice handset.	6711006	Please call
	EXPLORER™ 500 (new, 12-mo warranty) Includes terminal, padded soft case, Li-Ion battery, universal AC charger (110-240 VAC), Ethernet Cable, USB cable, manual, CD-ROM, and voice handset. [] Add \$330 Bluetooth Handset and desktop charger [] Add \$76 Pelican Case (black) [] Add \$130 Thrane & Thrane Soft Case for EXPLORER™ 300/500 [] Add \$195 Pole Mount Kit for EXPLORER™ 300/500 [] Add \$220 Li-Ion Battery for EXPLORER™ 300/500 [] Add \$75 Car charger for EXPLORER™ 300/500/700 [] Add \$150 AC "Wall" Charger (110-240 VAC)	6714003 6799001 BlueTooth 5017166 Pelican 5017166 Soft Case 6711005 Pole Mount 6711008 Battery 6711004 Car Chgr 6711002 AC Charger	\$3395
	USED EXPLORER™ 500 (used, 6-mo warranty) Includes terminal, padded soft case, Li-Ion battery, universal AC charger (110-240 VAC), Ethernet Cable, USB cable, manual, CD-ROM, and voice handset.	Price valid while current inventory lasts	\$1895
	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: _____