



# BGAN terminals

## A quick reference guide



Inmarsat's Broadband Global Area Network service – BGAN – is accessible via a small, lightweight, satellite terminal, which is quick to set up and easy to use. And you can use the same device worldwide.

A range of terminals is available, including vehicular systems, providing performance options to suit different operational needs. The service is accessed via BGAN LaunchPad, a software interface, which is standard across all terminals.

					
<b>Wideye™ Sabre™ I</b> Voice and data, single-user device	<b>EXPLORER® 110</b> Smallest, lightest device in the range	<b>EXPLORER® 300</b> Highly compact, robust device	<b>EXPLORER® 500</b> High bandwidth, highly portable device	<b>HUGHES 9201</b> High performance, multi-user device	<b>EXPLORER® 700</b> Multi-user device with extensive functionality

<b>Terminals</b>	<b>Manufacturer:</b>	Addvalue Communications www.wideye.com.sg	Thrane & Thrane www.thrane.com	Thrane & Thrane www.thrane.com	Thrane & Thrane www.thrane.com	Hughes Network Systems www.hughes.com	Thrane & Thrane www.thrane.com
	<b>Size:</b>	259 x 195mm (1.6kgs)	200 x 150mm (1kg)	217 x 168mm (1.4kgs)	218 x 217mm (1.4kgs)	345 x 275mm (2.8kgs)	297 x 399mm (3.2kgs)
	<b>Standard IP:</b>	Up to 240/384kbps (send/receive)	Up to 240/384kbps (send/receive)	Up to 240/384kbps (send/receive)	Up to 448/464kbps (send/receive)	Up to 492kbps (send & receive)	Up to 492kbps (send & receive)
	<b>Streaming IP: (send &amp; receive)</b>	32, 64kbps	32, 64kbps	32, 64kbps	32, 64, 128kbps	32, 64, 128, 256kbps, BGAN X-Stream™	32, 64, 128, 256kbps, BGAN X-Stream™
	<b>Voice:</b>	Via RJ-11 or Bluetooth handset/headset	Via RJ-45 ISDN or Bluetooth handset	Via RJ-11 or Bluetooth handset/headset	Via RJ-11 or Bluetooth handset or 3.1kHz audio	Via RJ-45 ISDN handset, via ISDN TA with two RJ-11 ports for voice or 3.1 KHz for audio fax	Via RJ-11 (x2), Bluetooth handset or 3.1kHz audio
	<b>ISDN:</b>	N/A	N/A	N/A	64kbps via USB	64kbps via RJ-45	64kbps via RJ-45
	<b>Other data interfaces:</b>	Ethernet, Bluetooth	Ethernet (with adapter), USB, Bluetooth	Ethernet, Bluetooth	Ethernet, USB, Bluetooth	Ethernet, USB, WLAN 802.11b	Ethernet (x2), USB, Bluetooth, WLAN 802.11 a/b/g, Digital I/O
	<b>Ingress protection:</b>	IP 54	IP 44	IP 54	IP 54	IP 55	IP 52 (terminal), IP 66 (antenna)



**VRT-100**  
Rugged, multi-user device



**EXPLORER® 727**  
Multi-user device with extensive functionality



**HUGHES 9250**  
Multi-user device with wireless capability

**Customised terminals**

Manufacturer:	ViaSat, Inc. www.viasat.com
Size:	Terminal 287 x 420mm (6.9kgs) Antenna 430 x 275 (2.6kgs)
Standard IP:	Up to 258 / 422kbps (send / receive)
Streaming IP: (send & receive)	32, 64kbps
Voice:	Via 5/6 pin audio, RJ-11, ISDN handset
ISDN:	N/A
Other data interfaces:	Ethernet, USB
Ingress protection:	IP 67
Indicative sector:	Government

**Vehicular terminals**

Manufacturer:	Thrane & Thrane www.thrane.com	Hughes Network Systems www.hughes.com
Size:	Terminal 247 x 270mm (2.5kgs) Antenna 477 x 160mm (6kgs)	Terminal 275 x 345mm (2.8kgs) Antenna 477 x 153mm (5kgs)
Standard IP:	Up to 432kbps (send & receive)	Up to 464kbps (send & receive)
Streaming IP: (send & receive)	32, 64, 128 & 256kbps*	32, 64, 128 & 256kbps*
Voice:	2 x 2-wire, RJ-11 phone/fax, 3.1kHz audio	Via RJ-45 ISDN handset, via ISDN TA with two RJ-11 ports for voice or 3.1 KHz for audio fax
ISDN:	64/56kbps**	64/56kbps**
Other data interfaces:	4 x Ethernet, USB	1 x Ethernet, WLAN 802.11b
Ingress protection:	IP 31 (terminal), IP 56 (antenna)	IP 55 (terminal), IP 56 (antenna)

**How to buy BGAN**

BGAN is available through Inmarsat distribution partners and service providers in more than 190 countries. Visit our website to find the right partner for your organisation.



\* Inmarsat supports 256kbps streaming at elevations above 45 degrees. Below this elevation, the 128kbps streaming connection is recommended.  
\*\* Depending on location. Inmarsat supports ISDN at elevations above 15 degrees.

[inmarsat.com/bgan](http://inmarsat.com/bgan)

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