

Broadband terminals






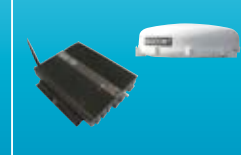
A quick reference guide

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 – land portable and vehicular – providing performance options to suit different operational needs. The service is accessed via Inmarsat LaunchPad, a software interface, which is standard across all terminals.

	 Wideye™ Sabre™ I Voice and data, single-user device	 EXPLORER® 300 Highly compact, robust device	 EXPLORER® 500 High bandwidth, highly portable device	 HUGHES 9202 High performance, highly compact	 HUGHES 9201 High performance, multi-user device	 EXPLORER® 700 Multi-user device with extensive functionality	
Land portable terminals	Manufacturer:	Addvalue Communications www.wideye.com.sg	Thrane & Thrane www.thrane.com	Thrane & Thrane www.thrane.com	Hughes www.BGAN.hughes.com	Hughes www.BGAN.hughes.com	Thrane & Thrane www.thrane.com
	Dimensions (W x H x D) and weight:	259 x 195 x 58mm 1.6kgs	217 x 168 x 52mm 1.4kgs	217 x 218 x 52mm 1.4kgs	216 x 216 x 45mm 1.5kgs	345 x 275 x 50mm 2.8kgs	399 x 297 x 51mm 3.2kgs
	Standard IP:	Up to 240 / 384kbps (send / receive)	Up to 240 / 384kbps (send / receive)	Up to 448 / 464kbps (send / receive)	Up to 448 / 464kbps (send / receive)	Up to 492kbps (send and receive)	Up to 492kbps (send and receive)
	Streaming IP:	32, 64kbps	32, 64kbps	32, 64, 128kbps	32, 64, 128kbps	32, 64, 128, 176, 256kbps, BGAN X-Stream™	32, 64, 128, 176, 256kbps BGAN X-Stream™
	Voice:	Via RJ-11, handset	Via RJ-11 or Bluetooth handset / headset	Via RJ-11 or Bluetooth handset or 3.1kHz audio / fax	Via RJ-11 (x2) for voice or fax	Via RJ-45 ISDN handset, via ISDN TA with two RJ-11 ports for voice or 3.1kHz for audio / fax	Via RJ-11 (x2), Bluetooth handset or 3.1kHz audio / fax
	ISDN:	N/A	N/A	64kbps via USB	64kbps via RJ-45	64kbps via RJ-45	64kbps via RJ-45
	Other data interfaces:	Ethernet	Ethernet	Ethernet, USB	Ethernet, WLAN 802.11b	Ethernet, USB, WLAN 802.11b	2 x Ethernet, USB, WLAN 802.11 a/b/g, Digital I/O
	Ingress protection:	IP 54	IP 54	IP 54	IP 55	IP 55	IP 52 (terminal), IP 66 (antenna)

Vehicular terminals

	 Wideye Safari™ High performance, robust system	 EXPLORER® 325 Compact, lightweight, robust system	 HUGHES 9450-C11 Highly compact, high performance system	 GLOCOM GX11 Highly compact, high performance system	 EXPLORER® 727 Multi-user device with extensive functionality	 HUGHES 9350-C10 Multi-user device with wireless capability	 GLOCOM GX10 Multi-user device with wireless capability
Manufacturer:	Addvalue Communications www.wideye.com.sg	Thrane & Thrane www.thrane.com	Hughes www.BGAN.hughes.com	Glocom www.glocom-us.com	Thrane & Thrane www.thrane.com	Hughes www.BGAN.hughes.com	Glocom www.glocom-us.com
Dimensions (W x H x D) and weight:	Terminal 340 x 253 x 61mm 3.5kgs Antenna 252 x 191mm 1.9kgs	Terminal 231 x 278 x 41mm 2.4kgs Antenna 349 x 128 x mm 3.6kgs	Terminal 234 x 281 x 46mm 2.3kgs Antenna 252 x 119mm 2kgs	Terminal 260 x 210 x 44mm 2.4kgs Antenna 276 x 150mm 1.86kgs	Terminal 247 x 270 x 43mm 2.5kgs Antenna 477 x 160mm 6kgs	Terminal 260 x 256 x 50mm 2.8kgs Antenna 494 x 153mm 5.5kgs	Terminal 260 x 256 x 44mm 2.8kgs Antenna 494 x 153mm 5.5kgs
Standard IP:	Up to 448 / 464kbps (send / receive)	Up to 448 / 464kbps (send / receive)	Up to 448 / 464kbps (send / receive)	Up to 407kbps (send and receive)	Up to 492kbps (send and receive)	Up to 492kbps (send and receive)	Up to 492kbps (send and receive)
Streaming IP:	32, 64, 128kbps	32, 64, 128kbps	32, 64, 128kbps	32, 64, 128kbps	32, 64, 128, 256kbps ² BGAN X-Stream™ on-the-pause	32, 64, 128, 256kbps ²	32, 64, 128, 256kbps ²
Voice:	2 RJ-11 ports for voice or fax	1 RJ-11 port for voice	Via RJ-45 ISDN handset, via ISDN TA with two RJ-11 ports for voice or 3.1kHz for audio / fax	Via RJ-45 ISDN handset, via ISDN TA with two RJ-11 ports for voice or 3.1kHz for audio / fax	2 RJ-11 ports for voice and 3.1kHz audio / fax	Via RJ-45 ISDN handset, via ISDN TA with two RJ-11 ports for voice or 3.1kHz for audio fax	Via RJ-45 ISDN handset, via ISDN TA with two RJ-11 ports for voice or 3.1kHz for audio / fax
ISDN:	N/A	N/A	56 / 64kbps ³	56 / 64kbps ³	56 / 64kbps ⁴	56 / 64kbps ⁴	56 / 64kbps ⁴
Other data interfaces:	2 x Ethernet, WLAN 802.11b/g (Wi-Fi)	2 x Ethernet	4 x Ethernet, WLAN 802.11b with extended standard connector	Ethernet, WLAN 802.11b with extended standard connector, USB	4 x Ethernet, USB	Ethernet, WLAN 802.11b with extended standard connector, USB	Ethernet, WLAN 802.11b USB
Ingress protection:	IP 44 (terminal) IP 56 (antenna)	IP 31 (terminal) IP 56 (antenna)	IP 54 (terminal) IP 56 (antenna)	IP 54 (terminal) IP 55 (antenna)	IP 31 (terminal) IP 56 (antenna)	IP 54 (terminal) IP 56 (antenna)	IP 54 (terminal) IP 56 (antenna)

- 1 There are derivatives of these terminals available that have been specifically designed for machine-to-machine or bespoke applications.
- 2 Inmarsat supports 256kbps streaming at elevations above 45 degrees. Below this elevation, the 128kbps streaming connection is recommended.
- 3 Depending on location. Inmarsat supports ISDN at elevations above 45 degrees.
- 4 Depending on location. Inmarsat supports ISDN at elevations above 20 degrees.

How to buy BGAN

Intelsat General Corporation

Email:sales.inquiries@intelsatgeneral.com

Web: intelsatgeneral.com

Whilst the above information has been prepared by Inmarsat in good faith, and all reasonable efforts have been made to ensure its accuracy, Inmarsat makes no warranty or representation as to the accuracy, completeness or fitness for purpose or use of the information. Inmarsat shall not be liable for any loss or damage of any kind, including indirect or consequential loss, arising from use of the information and all warranties and conditions, whether express or implied by statute, common law or otherwise, are hereby excluded to the extent permitted by English law. INMARSAT is a trademark of the International Mobile Satellite Organisation, Inmarsat LOGO is a trademark of Inmarsat (IP) Company Limited. Both trademarks are licensed to Inmarsat Global Limited. © Inmarsat Global Limited 2013. All rights reserved.