

Broadband terminals







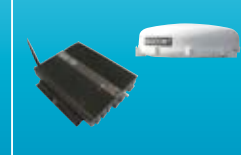
A quick reference guide

Inmarsat's Broadband Global Area Network service (BGAN) is accessible via small, lightweight, satellite terminals, which are quick to set up and easy to use.

A range of terminals is available for land, fixed and vehicular use, 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	
Portable and fixed terminals	Manufacturer	Addvalue Communications wideye.com.sg	Thrane & Thrane thrane.com	Thrane & Thrane thrane.com	Hughes BGAN.hughes.com	Hughes BGAN.hughes.com	Thrane & Thrane 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
	Portable / fixed	Portable	Portable	Portable	Portable	Portable and fixed ¹	Portable and fixed ¹
	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 and fax	Via RJ-11, handset	Via RJ-11 or Bluetooth handset / headset	Via RJ-11 or Bluetooth handset or 3.1kHz audio	Via RJ-11 (x2) for voice	Via RJ-45 ISDN handset, via ISDN TA with two RJ-11 ports for voice or 3.1kHz for audio	Via RJ-11 (x2), Bluetooth handset or 3.1kHz audio
	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, Wi-Fi	Ethernet, USB, Wi-Fi	2 x Ethernet, USB, Wi-Fi, 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 wideye.com.sg	Thrane & Thrane thrane.com	Hughes BGAN.hughes.com	Glocom glocom-us.com	Thrane & Thrane thrane.com	Hughes BGAN.hughes.com	Glocom 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 128mm 3.6kgs	Terminal 234 x 281 x 46mm 2.3kgs Antenna 252 x 119mm 2kgs	Terminal 260 x 210 x 44mm 2.4kgs Antenna 252 x 119mm 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 448 / 464kbps (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 and fax	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, Wi-Fi with extended standard connector	Ethernet, Wi-Fi with extended standard connector, USB	4 x Ethernet, USB	Ethernet, Wi-Fi with extended standard connector, USB	Ethernet, Wi-Fi, 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 These terminals can be used to access BGAN Link, a fixed data service for long-term use

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

Our services are available globally through Inmarsat distribution partners and service providers. Visit our website to find the right partner for your organisation.

inmarsat.com/land

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 2012. All rights reserved. Broadband terminals July 2012.