

# Broadband terminals






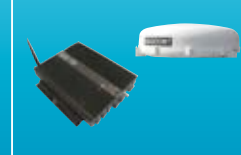
## A quick reference guide

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.

	 <b>Wideye™ Sabre™ I</b> Voice and data, single-user device	 <b>EXPLORER® 300</b> Highly compact, robust device	 <b>EXPLORER® 500</b> High bandwidth, highly portable device	 <b>HUGHES 9202</b> High performance, highly compact	 <b>HUGHES 9201</b> High performance, multi-user device	 <b>EXPLORER® 700</b> Multi-user device with extensive functionality	
<b>Portable and fixed terminals</b>	<b>Manufacturer</b>	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
	<b>Dimensions (W x H x D) and weight</b>	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
	<b>Portable / fixed</b>	Portable	Portable	Portable	Portable	Portable and fixed <sup>1</sup>	Portable and fixed <sup>1</sup>
	<b>Standard IP</b>	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)
	<b>Streaming IP</b>	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™
	<b>Voice and fax</b>	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
	<b>ISDN</b>	N/A	N/A	64kbps via USB	64kbps via RJ-45	64kbps via RJ-45	64kbps via RJ-45
	<b>Other data interfaces</b>	Ethernet	Ethernet	Ethernet, USB	Ethernet, Wi-Fi	Ethernet, USB, Wi-Fi	2 x Ethernet, USB, Wi-Fi, Digital I/O
<b>Ingress protection</b>	IP 54	IP 54	IP 54	IP 55	IP 55	IP 52 (terminal) IP 66 (antenna)	

## Vehicular terminals

	 <b>Wideye Safari™</b> High performance, robust system	 <b>EXPLORER® 325</b> Compact, lightweight, robust system	 <b>HUGHES 9450-C11</b> Highly compact, high performance system	 <b>GLOCOM GX11</b> Highly compact, high performance system	 <b>EXPLORER® 727</b> Multi-user device with extensive functionality	 <b>HUGHES 9350-C10</b> Multi-user device with wireless capability	 <b>GLOCOM GX10</b> Multi-user device with wireless capability
<b>Manufacturer</b>	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
<b>Dimensions (W x H x D) and weight</b>	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
<b>Standard IP</b>	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)
<b>Streaming IP</b>	32, 64, 128kbps	32, 64, 128kbps	32, 64, 128kbps	32, 64, 128kbps	32, 64, 128, 256kbps <sup>2</sup> BGAN X-Stream™ on-the-pause	32, 64, 128, 256kbps <sup>2</sup>	32, 64, 128, 256kbps <sup>2</sup>
<b>Voice and fax</b>	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
<b>ISDN</b>	N/A	N/A	56 / 64kbps <sup>3</sup>	56 / 64kbps <sup>3</sup>	56 / 64kbps <sup>4</sup>	56 / 64kbps <sup>4</sup>	56 / 64kbps <sup>4</sup>
<b>Other data interfaces</b>	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
<b>Ingress protection</b>	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

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