






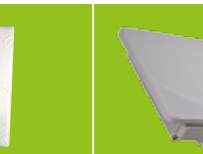


# Broadband terminals






## 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 510</b> Ultra portable high bandwidth, easy to use	<b>EXPLORER 710</b> Enhanced functionality and BGAN HDR compatible	<b>HUGHES 9211-HDR</b> Smallest, lightest BGAN HDR terminal	<b>HUGHES 9202</b> High performance, highly compact	<b>HUGHES 9502*</b> External antenna	<b>HUGHES 9502*</b> Integrated antenna
<b>Portable and fixed terminals</b>	<b>Manufacturer</b>	Addvalue Communications wideye.com.sg	Cobham SATCOM cobham.com/SATCOM	Cobham SATCOM cobham.com/SATCOM	Cobham SATCOM cobham.com/SATCOM	Hughes BGAN.hughes.com	Hughes BGAN.hughes.com	Hughes BGAN.hughes.com	Hughes BGAN.hughes.com
	<b>Dimensions (W x H x D) and weight</b>	259 x 195 x 58mm 1.6kg	217 x 168 x 52mm 1.4kg	202 x 202 x 51.8mm 1.4kg	279 x 332 x 52mm 3.5kg (inc battery) Antenna: 1.9kg Transceiver: 1.6kg	292 x 232 x 51mm 2kg	216 x 216 x 45mm 1.4kg	Terminal 200 x 150 x 45mm, 1.5kg Antenna 385 x 385 x 33mm, 1.9kg	275 x 275 x 84mm 3.8kg
	<b>Portable / fixed</b>	Portable	Portable	Portable and fixed <sup>1</sup>	Portable and fixed <sup>1</sup>	Portable and fixed <sup>1</sup>	Portable and fixed <sup>1</sup>	Fixed <sup>1</sup>	Fixed <sup>1</sup>
	<b>Standard IP</b>	Up to 240 / 384kbps (send / receive)	Up to 240 / 384kbps (send / receive)	Up to 464kbps (send / receive)	Up to 492kbps (send and receive)	Up to 492kbps (send and receive)	Up to 448 / 464kbps (send / receive)	Up to 448 / 464kbps (send / receive)	Up to 448 / 464kbps (send / receive)
	<b>Streaming IP</b>	32, 64kbps	32, 64kbps	32, 64, 128kbps	32, 64, 128, 176, 256kbps BGAN X-Stream, BGAN HDR	32, 64, 128, BGAN X-Stream, BGAN HDR**	32, 64, 128kbps	32, 64, 128kbps	32, 64, 128kbps
	<b>Voice and fax</b>	Via RJ-11, handset	Via RJ-11 or Bluetooth handset / headset	Via WiFi or SIP (EXPLORER Connect App)	Via RJ-11, 3.1kHz audio or IP handset	Via RJ-11 (x2) for voice	Via RJ-11 (x2) for voice	N/A	N/A
	<b>ISDN</b>	N/A	N/A	N/A	64kbps via RJ-45	N/A	64kbps via RJ-45	N/A	N/A
	<b>Other data interfaces</b>	Ethernet	Ethernet	WiFi, USB	2 x Ethernet, USB, WiFi	RJ-45 Ethernet, WiFi	Ethernet, WiFi	Ethernet, USB	Ethernet, USB
<b>Ingress protection</b>	IP 54	IP 54	IP 66	IP 52 (transceiver) IP 66 (antenna)	IP 65	IP 55	IP 65 (antenna) IP 40 (modem)	IP 66	

\* These terminals have been optimised for machine-to-machine connectivity  
\*\* Asymmetric BGAN HDR streaming rates only

								
	<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>Vehicular terminals</b>	<b>Manufacturer</b>	Addvalue Communications wideye.com.sg	Cobham SATCOM cobham.com/SATCOM	Hughes BGAN.hughes.com	Glocom glocom-us.com	Cobham SATCOM cobham.com/SATCOM	Hughes BGAN.hughes.com	Glocom glocom-us.com
	<b>Dimensions (W x H x D) and weight</b>	Terminal 340 x 253 x 61mm 3.5kg Antenna 252 x 191mm 1.9kg	Terminal 231 x 278 x 41mm 2.4kg Antenna 349 x 128mm 3.6kg	Terminal 234 x 281 x 46mm 2.3kg Antenna 252 x 119mm 2kg	Terminal 260 x 210 x 44mm 2.4kg Antenna 252 x 119mm 1.86kg	Terminal 247 x 270 x 43mm 2.5kg Antenna 477 x 160mm 6kg	Terminal 260 x 256 x 50mm 2.8kg Antenna 494 x 153mm 5.5kg	Terminal 260 x 256 x 44mm 2.8kg Antenna 494 x 153mm 5.5kg
	<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, WiFi	2 x Ethernet	4 x PoE Ethernet, WiFi with extended standard connector	Ethernet, WiFi with extended standard connector, USB	4 x Ethernet, USB	1 x PoE Ethernet, WiFi with extended standard connector, USB	Ethernet, WiFi, USB
	<b>Ingress protection</b>	IP 44 (terminal) IP 56 (antenna)	IP 31 (terminal) IP 56 (antenna)	IP 40 (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, Inmarsat's fixed broadband 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/enterprise](http://inmarsat.com/enterprise)

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