Enterprise broadband terminals

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 using the Inmarsat LaunchPad interface, which is standard across all terminals.

Portable and fixed terminals

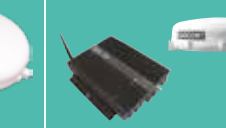|	Sabre Ranger 5000 Fixed terminal with Integrated antenna	EXPLORER 300 Highly compact, robust device	EXPLORER 510 Ultra portable high bandwidth, easy to use	EXPLORER 540 Fixed terminal with Integrated antenna	EXPLORER 710 Enhanced functionality and BGAN HDR compatible	HUGHES 9211-HDR Smallest, lightest BGAN HDR terminal	HUGHES 9202 High performance, highly compact	HUGHES 9502* Fixed terminal with external antenna	HUGHES 9502* Fixed terminal with Integrated antenna
Manufacturer	Addvalue Innovation Pte Ltd wideye.com.sg	Cobham SATCOM cobham.com/SATCOM	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
Dimensions (W x H x D) and weight	241 x 239 x 71mm 2.5kg	217 x 168 x 52mm 1.4kg	202 x 202 x 52mm 1.4kg	202 x 209 x 52 1.6kg	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
Portable / fixed	Fixed[1]	Portable	Portable and fixed[1]	Fixed[1]	Portable and fixed[1]	Portable and fixed[1]	Portable and fixed[1]	Fixed[1]	Fixed[1]
Standard IP	Up to 448/464kbps (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 492kpbs (send and receive)	Up to 448 / 464kbps (send / receive)	Up to 448 / 464kbps (send / receive)	Up to 448 / 464kbps (send / receive)
Streaming IP	32, 64,128kbps	32, 64kbps	32, 64, 128kbps	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
Voice and fax	N/A	Via RJ-11 or Bluetooth handset / headset	Via WiFi or SIP (EXPLORER Connect App)	N/A	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
ISDN	N/A	N/A	N/A	N/A	64kbps via RJ-45	N/A	64kbps via RJ-45	N/A	N/A
Other data interfaces	Ethernet, USB, GPIO, RS232	Ethernet	WiFi, USB	Ethernet, USB, GPIO	2 x Ethernet, USB, WiFi	RJ-45 Ethernet, WiFi	Ethernet, WiFi	Ethernet, USB	Ethernet, USB
Ingress protection	IP 66	IP 54	IP 66	IP 66	IP 52 (transceiver) IP 66 (antenna)	IP 65	IP 55	IP 65 (antenna) IP 40 (modem)	IP 66

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

		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
Vehicular terminals	**Manufacturer**	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
	Dimensions (W x H x D) and weight	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
	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, 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
	Ingress protection	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

For more information

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