BGAN terminals

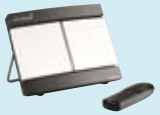
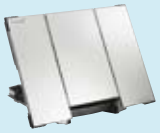
A quick reference guide

GEOFONE

inmarsat

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

	Land portable					Military	
	 **Wideye™ Sabre™ I**[1] Voice and data, single-user device	 **EXPLORER® 300** Highly compact, robust device	 **EXPLORER® 500** High bandwidth, highly portable device	 **HUGHES 9201**[1] High performance, multi-user device	 **EXPLORER® 700** Multi-user device with extensive functionality	 **RF-7800B-DU024** Rugged, land portable high performance system	 **RF-7800B-VU104** Rugged, vehicular high performance system
Manufacturer	Addvalue Communications www.wideye.com.sg	Thrane & Thrane www.thrane.com	Thrane & Thrane www.thrane.com	Hughes Network Systems www.hughes.com	Thrane & Thrane www.thrane.com	Harris Corporation www.harris.com	Harris Corporation www.harris.com
Size	259 x 195mm (1.6kgs)	217 x 168mm (1.4kgs)	217 x 218mm (1.4kgs)	345 x 275mm (2.8kgs)	399 x 297mm (3.2kgs)	240 x 240mm (2.8kgs)	Integrated antenna and terminal: 510 x 200mm (12.6kgs)
Standard IP	Up to 240 / 384kbps (send / receive)	Up to 240 / 384 kbps (send / receive)	Up to 448 / 464kbps (send / receive)	Up to 492kbps (send & receive)	Up to 492kbps (send & receive)	Up to 448 / 464kbps (send / receive)	Up to 492kbps (send & receive)
Streaming IP (send & receive)	32, 64kbps	32, 64kbps	32, 64, 128kbps	32, 64, 128, 176, 256kbps, BGAN X-Stream™	32, 64, 128, 176, 256kbps, BGAN X-Stream™	32, 64, 128kbps	32, 64, 128, 256kbps[2]
Voice	Via RJ-11 or Bluetooth handset / headset	Via RJ-11 or Bluetooth handset / headset	Via RJ-11 or Bluetooth handset or 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-11 (x2), Bluetooth handset or 3.1kHz audio / fax	Via military standard connector for normal voice, ISDN standard voice and 3.1 kHz for audio / fax	Via military standard connector for normal voice, ISDN standard voice and 3.1kHz for audio / fax
ISDN	N/A	N/A	64kbps via USB	64kbps via RJ-45	64kbps via RJ-45	64kbps via RJ-45	Data / voice: 64 kbps via RJ-45
Other data interfaces	Ethernet, Bluetooth	Ethernet, Bluetooth	Ethernet, USB, Bluetooth	Ethernet, USB, WLAN 802.11b	2 x Ethernet, USB, WLAN 802.11 a/b/g, Digital I/O, Bluetooth,	Ethernet, USB via military standard connector	Ethernet, USB via military standard connector
Ingress protection	IP 54	IP 54	IP 54	IP 55	IP 52 (terminal) IP 66 (antenna)	MIL-STD-810F IP 67	MIL-STD-810F IP 67

Vehicular

	 **EXPLORER® 325** Compact, lightweight, robust system	 **HUGHES 9450** Highly compact, high performance system	 **GLOCOM GX11** Highly compact, high performance system	 **EXPLORER® 727** Multi-user device with extensive functionality	 **HUGHES 9350** Multi-user device with wireless capability	 **GLOCOM GX10** Multi-user device with wireless capability
Manufacturer	Thrane & Thrane www.thrane.com	Hughes Network Systems www.hughes.com	Glocom www.glocom-us.com	Thrane & Thrane www.thrane.com	Hughes Network Systems www.hughes.com	Glocom www.glocom-us.com
Size	Terminal 231 x 278mm (2.4kgs) Antenna 350 x 1200mm (4.5kgs)	Terminal 234 x 281mm (2.3kgs) Antenna 252 x 119mm (2kgs)	Terminal 260 x 210mm (2.4kgs) Antenna 276 x 150mm (1.86kgs)	Terminal 247 x 270mm (2.5kgs) Antenna 477 x 160mm (6kgs)	Terminal 260 x 256mm (2.8kgs) Antenna 477 x 153mm (5.5kgs)	Terminal 260 x 256mm (2.8kgs) Antenna 477 x 153mm (5.5kgs)
Standard IP	Up to 448 / 464kbps (send / receive)	Up to 448 / 464kbps (send / receive)	Up to 407kbps (send & receive)	Up to 492kbps (send & receive)	Up to 492kbps (send & receive)	Up to 492kbps (send & receive)
Streaming IP (send & reveive)	32, 64, 128kbps	32, 64, 128kbps	32, 64, 128kbps	32, 64, 128, 256kbps[2]	32, 64, 128, 256kbps[2]	32, 64, 128, 256kbps[2]
Voice	VoIP handset 1 Independent RJ-11 port (2-wire connector)	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 x 2-wire, RJ-11 phone / fax, 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	56 / 64kbps[3]	56 / 64kbps[3]	56 / 64kbps[4]	56 / 64kbps[4]	56 / 64kbps[4]
Other data Interfaces	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 31 (terminal), IP 56 (antenna)	IP 54 (terminal), IP 56 (antenna)	IP 54 (terminal), IP 56 (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

BGAN is available through Inmarsat distribution partners and service providers in more than 190 countries. Visit our website to find the right partner for your organisation.

inmarsat.com/bgan

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