



BGAN terminals

A quick reference guide



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

					
Wideye™ Sabre™ I Voice and data, single-user device	EXPLORER® 110 Smallest, lightest device in the range	EXPLORER® 300 Highly compact, robust device	EXPLORER® 500 High bandwidth, highly portable device	HUGHES 9201 High performance, multi-user device	EXPLORER® 700 Multi-user device with extensive functionality

Terminals	Manufacturer:	Addvalue Communications www.wideye.com.sg	Thrane & Thrane www.thrane.com	Thrane & Thrane www.thrane.com	Thrane & Thrane www.thrane.com	Hughes Network Systems www.hughes.com	Thrane & Thrane www.thrane.com
	Size:	259 x 195mm (1.6kgs)	200 x 150mm (1kg)	217 x 168mm (1.4kgs)	218 x 217mm (1.4kgs)	345 x 275mm (2.8kgs)	297 x 399mm (3.2kgs)
	Standard IP:	Up to 240/384kbps (send / receive)	Up to 240/384kbps (send / receive)	Up to 240/384kbps (send / receive)	Up to 448 / 464kbps (send / receive)	Up to 492kbps (send & receive)	Up to 492kbps (send & receive)
	Streaming IP: (send & receive)	32, 64kbps	32, 64kbps	32, 64kbps	32, 64, 128kbps	32, 64, 128, 256kbps, BGAN X-Stream™	32, 64, 128, 256kbps, BGAN X-Stream™
	Voice:	Via RJ-11 or Bluetooth handset / headset	Via RJ-45 or Bluetooth handset	Via RJ-11 or Bluetooth handset / headset	Via RJ-11 or Bluetooth handset or 3.1kHz audio	Via RJ-45 ISDN handset, ISDN TA with two RJ-11 ports for voice or 3.1kHz for audio / fax	Via two RJ-11 ports for voice or 3.1kHz audio / fax, Bluetooth
	ISDN:	N/A	N/A	N/A	64kbps via USB	64kbps via RJ-45	64kbps via RJ-45
	Other data interfaces:	Ethernet, Bluetooth	Ethernet (with adapter), USB, Bluetooth	Ethernet, Bluetooth	Ethernet, USB, Bluetooth	Ethernet, USB, WLAN 802.11b	2 x Ethernet, USB, Bluetooth, WLAN 802.11 a / b / g, Digital I/O
	Ingress protection:	IP 54	IP 44	IP 54	IP 54	IP 55	IP 52 (terminal), IP 66 (antenna)



VRT-100

Rugged, multi-user device for government users

RF-7800B-DU024

Rugged, integrated, high performance system

Customised terminals	Manufacturer:	ViaSat Inc. www.viasat.com	Harris Corporation www.harris.com
	Size:	Terminal 287 x 420mm (6.9kgs) Antenna 430 x 275 (2.6kgs)	240 x 240mm (2.8kgs)
	Standard IP:	Up to 240 / 384kbps (send / receive)	Up to 448 / 464kbps (send / receive)
	Streaming IP: (send & receive)	32, 64kbps	32, 64 & 128kbps
	Voice:	Via 5/6 pin audio, RJ-11, ISDN handset	Via military standard connector for normal voice, ISDN standard voice and 3.1kHz for audio / fax
	ISDN:	N/A	64kbps via RJ-45
	Other data interfaces:	Ethernet, USB	Ethernet, USB via military standard connector
	Ingress protection:	IP 67	MIL-STD-810F, IP67



EXPLORER® 727

Multi-user device with extensive functionality

HUGHES 9250

Multi-user device with wireless capability

RF-7800B-VU104

Rugged, integrated, high performance system

Vehicular terminals	Manufacturer:	Thrane & Thrane www.thrane.com	Hughes Network Systems www.hughes.com	Harris Corporation www.harris.com
	Size:	Terminal 247 x 270mm (2.5kgs) Antenna 477 x 160mm (6kgs)	Terminal 275 x 345mm (2.8kgs) Antenna 477 x 153mm (5kgs)	Integrated antenna and terminal: 510 x 200mm (12.6kgs)
	Standard IP:	Up to 492kbps (send & receive)	Up to 492kbps (send & receive)	Up to 492kbps (send & receive)
	Streaming IP: (send & receive)	32, 64, 128 & 256kbps*	32, 64, 128 & 256kbps*	32, 64, 128, 256kbps*
	Voice:	Via two RJ-11 ports for voice or 3.1kHz for audio / fax	Via RJ-45 ISDN handset, ISDN TA with two RJ-11 ports for voice or 3.1kHz for audio / fax	Via military standard connector for normal voice, ISDN standard voice and 3.1kHz for audio / fax
	ISDN:	64kbps via RJ-45**	64kbps via RJ-45**	64kbps via RJ-45**
	Other data interfaces:	4 x Ethernet	Ethernet, WLAN 802.11b	Ethernet, USB via military standard connector
	Ingress protection:	IP 31 (terminal), IP 56 (antenna)	IP 55 (terminal), IP 56 (antenna)	MIL-STD-810F, IP67

* Inmarsat supports 256kbps streaming at elevations above 45 degrees. Below this elevation, only the 128kbps streaming connection is available.

** Depending on location. Inmarsat supports ISDN at elevations above 20 degrees.

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