

Broadband Terminals

A quick reference guide to Inmarsat-4 terminals

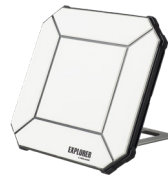


Inmarsat's Broadband Global Area Network service (BGAN) is accessible via small, lightweight, satellite terminals, which are quick to set up and easy to use

A range of terminals is available for land, fixed and vehicular use, providing performance options to suit different operational needs. The service is accessed via Inmarsat LaunchPad, a software interface, which is standard across all terminals.



Wideye™ IsatHub
Voice and Data for smart devices



Explorer® 510
High performance, highly portable device



Explorer® 710
Enhanced functionality and BGAN HDR compatible



Hughes 9211
High performance with BGAN HDR, multi-user



Hughes 9202M
High performance, highly compact

Portable and Fixed	Manufacturer	Addvalue Communications wideye.com.sg	Cobham SATCOM cobham.com/satcom	Cobham SATCOM cobham.com/satcom	Hughes BGAN.hughes.com	Hughes BGAN.hughes.com
	Dimensions (WxHxD) & Weight	180 x 170 x 33mm 0.9 kgs	202 x 202 x 51.8mm 1.4 kgs	399 x 297 x 51mm 3.7 kgs	232 x 292 x 51mm 1.8 kgs	216 x 216 x 51mm 1.4 kgs
	Portable / fixed	Portable	Portable and Fixed	Portable and Fixed ¹	Portable and Fixed ¹	Portable and Fixed
	Standard IP	Up to 240 / 384 kbps (send / receive)	Up to 448 / 464 kbps (send / receive)	Up to 492 kbps (send and receive)	Up to 492 kbps (send and receive)	Up to 464 kbps (send and receive)
	Streaming IP	32, 64 kbps	32, 64, 128 kbps	32, 64, 128, 176, 256 kbps, HDR Full a Asymmetric, and X-Stream™	32, 64, 128, 176, 256 kbps, HDR Asymmetric and X-Stream™	32, 64, 128 kbps
	Voice and fax	Voice via Smart device over Wi-Fi	via Wi-Fi and USB	via RJ-11, 3.1 kHz audio or IP handset	via RJ-45 ISDN handset, via ISDN TA with two RJ-14 ports for voice or 3.1 kHz, via Wi-Fi	via RJ-45 ISDN handset, via ISDN TA with two RJ-14 ports for voice or 3.1 kHz, via Wi-Fi
	ISDN	N/A	64 kbps via USB	64 kbps via RJ-45	64 kbps via RJ-45	64 kbps via RJ-45
	Data interfaces	Wi-Fi, Micro USB	USB, Wi-Fi	2 x Ethernet (RJ-45), RJ-11, USB, Wi-Fi	Ethernet (RJ-45), RJ-14, Wi-Fi	Ethernet (RJ-45), RJ-11, Wi-Fi
	Ingress protection	IP 65	IP 66	IP 66	IP 55	IP 55



**MCD-4800
"The Football"**

Global broadband Internet Case, multi-user, wireless capable



**Explorer® 325
Vehicle Mount**

Compact, lightweight, robust system



**Explorer® 727
Vehicle Mount**

Multi-user device with extensive functionality



**Hughes 9350-C10
Vehicle Mount²**

Multi-user device with wireless capability



**Hughes 9450L-C11
Vehicle Mount**

Highly compact, high performance system

Auto Acquire	Manufacturer	Ground Control groundcontrol.com	Cobham SATCOM cobham.com/satcom	Cobham SATCOM cobham.com/satcom	Hughes BGAN.hughes.com	Hughes BGAN.hughes.com
	Dimensions (WxHxD) & Weight	432 x 349 x 171mm 11.5 kgs	Terminal 231 x 278 x 41mm Terminal 2.4 kgs Antenna 349 x 128mm Antenna 3.6 kgs	Terminal 247 x 270 x 43mm Terminal 2.5 kgs Antenna 477 x 160mm Antenna 6 kgs	Terminal 260 x 256 x 50mm Terminal 2.8 kgs Antenna 494 x 153mm Antenna 5.5 kgs	Terminal 281 x 234 x 46mm Terminal 2.3 kg Antenna 252 x 119mm Antenna 2.0 kg
	Standard IP	Up to 448 / 464 kbps (send / receive)	Up to 448 / 464 kbps (send / receive)	Up to 492 kbps (send and receive)	Up to 492 kbps (send and receive)	Up to 448 / 464 kbps (send / receive)
	Streaming IP	32, 64, 128 kbps	32, 64, 128 kbps	32, 64, 128, 176, 256 kbps ³ , BGAN X-Stream™ on the pause	32, 64, 128, 176, 256 kbps ³	32, 64, 128 kbps
	Voice and fax	RJ-11 internal port for voice and 3.1 kHz audio / fax	1x RJ-11 port for voice	2x RJ-11 ports for voice and 3.1 kHz audio / fax	Via RJ-45 ISDN handset, via ISDN TA with two RJ-11 ports for voice or 3.1 kHz for audio/fax	N/A
	ISDN	64 kbps ⁴	N/A	56 / 64 kbps ⁵	56 / 64 kbps ⁵	N/A
	Other Data interfaces	Ethernet (RJ-45), Wi-Fi	2 x Ethernet (RJ-45)	4 x Ethernet (RJ-45)	Ethernet (RJ-45), Wi-Fi with extended standard connector, USB	4 x Ethernet (RJ-45)
	Ingress protection	IP 66	IP 31 (terminal) IP 56 (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 Unit is discontinued, but there are still available in stock.

3 Inmarsat supports 256 kbps streaming at elevations above 45 degrees. Below this elevation, the 128 kbps streaming connection is recommended.

4 Depending on location. Inmarsat supports ISDN at elevations above 45 degrees.

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



How to buy BGAN

Inmarsat-4 services are available globally and can be purchased through Inmarsat's distribution partners, such as COMSAT. Contact COMSAT to learn more about BGAN terminals and service. www.comsat.com

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