















# 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.

Portable and fixed terminals		 <b>Wideye™ Sabre™ I</b> Voice and data, single-user device	 <b>EXPLORER® 300</b> Highly compact, robust device	 <b>EXPLORER® 500</b> High bandwidth, highly portable device	 <b>HUGHES 9202</b> High performance, highly compact	 <b>HUGHES 9201</b> High performance, multi-user device	 <b>EXPLORER® 700</b> Multi-user device with extensive functionality	 <b>EXPLORER® 710</b> Enhanced functionality and BGAN HDR compatible
	<b>Manufacturer</b>	Addvalue Communications wideye.com.sg	Cobham SATCOM cobham.com/SATCOM	Cobham SATCOM cobham.com/SATCOM	Hughes BGAN.hughes.com	Hughes BGAN.hughes.com	Cobham SATCOM cobham.com/SATCOM	Cobham SATCOM cobham.com/SATCOM
	<b>Dimensions (W x H x D) and weight</b>	259 x 195 x 58mm 1.6kgs	217 x 168 x 52mm 1.4kgs	217 x 218 x 52mm 1.4kgs	216 x 216 x 45mm 1.5kgs	345 x 275 x 50mm 2.8kgs	399 x 297 x 51mm 3.7kgs	279 x 332 x 52mm 3.5kg (inc battery) Antenna: 1.9kg, Transceiver: 1.6kg
	<b>Portable / fixed</b>	Portable	Portable	Portable	Portable	Portable and fixed <sup>1</sup>	Portable and fixed <sup>1</sup>	Portable and fixed
	<b>Standard IP</b>	Up to 240 / 384kbps (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 492kbps (send and receive)	Up to 492kbps (send and receive)
	<b>Streaming IP</b>	32, 64kbps	32, 64kbps	32, 64, 128kbps	32, 64, 128kbps	32, 64, 128, 176, 256kbps, BGAN X-Stream™	32, 64, 128, 176, 256kbps BGAN X-Stream™	32, 64, 128, 176, 256kbps BGAN X-Stream™, BGAN HDR
	<b>Voice and fax</b>	Via RJ-11, handset	Via RJ-11 or Bluetooth handset / headset	Via RJ-11 or Bluetooth handset or 3.1kHz audio	Via RJ-11 (x2) for voice	Via RJ-45 ISDN handset, via ISDN TA with two RJ-11 ports for voice or 3.1kHz for audio	Via RJ-11 (x2), Bluetooth handset or 3.1kHz audio	Via RJ-11, 3.1kHz audio or IP handset
	<b>ISDN</b>	N/A	N/A	64kbps via USB	64kbps via RJ-45	64kbps via RJ-45	64kbps via RJ-45	64kbps via RJ-45
	<b>Other data interfaces</b>	Ethernet	Ethernet	Ethernet, USB	Ethernet, Wi-Fi	Ethernet, USB, Wi-Fi	2 x Ethernet, USB, Wi-Fi	2 x Ethernet, USB, WiFi
	<b>Ingress protection</b>	IP 54	IP 54	IP 54	IP 55	IP 55	IP 52 (transceiver) IP 66 (antenna)	IP52 (transceiver) IP66 (antenna)

 <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
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
Terminal 340 x 253 x 61mm 3.5kgs Antenna 252 x 191mm 1.9kgs	Terminal 231 x 278 x 41mm 2.4kgs Antenna 349 x 128mm 3.6kgs	Terminal 234 x 281 x 46mm 2.3kgs Antenna 252 x 119mm 2kgs	Terminal 260 x 210 x 44mm 2.4kgs Antenna 252 x 119mm 1.86kgs	Terminal 247 x 270 x 43mm 2.5kgs Antenna 477 x 160mm 6kgs	Terminal 260 x 256 x 50mm 2.8kgs Antenna 494 x 153mm 5.5kgs	Terminal 260 x 256 x 44mm 2.8kgs Antenna 494 x 153mm 5.5kgs
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)
32, 64, 128kbps	32, 64, 128kbps	32, 64, 128kbps	32, 64, 128kbps	32, 64, 128, 256kbps² BGAN X-Stream™ on-the-pause	32, 64, 128, 256kbps²	32, 64, 128, 256kbps²
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
N/A	N/A	56 / 64kbps³	56 / 64kbps³	56 / 64kbps⁴	56 / 64kbps⁴	56 / 64kbps⁴
2 x Ethernet, WLAN 802.11b/g (Wi-Fi)	2 x Ethernet	4 x Ethernet, Wi-Fi with extended standard connector	Ethernet, Wi-Fi with extended standard connector, USB	4 x Ethernet, USB	Ethernet, Wi-Fi with extended standard connector, USB	Ethernet, Wi-Fi, USB
IP 44 (terminal) IP 56 (antenna)	IP 31 (terminal) IP 56 (antenna)	IP 54 (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, a fixed 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

## About Inmarsat Government

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