









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.

| |  |  |  |  |  |  |  |  | |
|------------------------------|---|---|--|---|---|---|---|---|--------------------------------------|
| | Wideye™ Sabre™ I Voice and data, single-user device | EXPLORER 300 Highly compact, robust device | EXPLORER 510 Ultra portable high bandwidth, easy to use | EXPLORER 710 Enhanced functionality and BGAN HDR compatible | HUGHES 9211-HDR Smallest, lightest BGAN HDR terminal | HUGHES 9202 High performance, highly compact | HUGHES 9502* External antenna | HUGHES 9502* Integrated antenna | |
| Portable and fixed terminals | Manufacturer | Addvalue Communications wideye.com.sg | 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 | |
| | Dimensions (W x H x D) and weight | 259 x 195 x 58mm 1.6kg | 217 x 168 x 52mm 1.4kg | 202 x 202 x 51.8mm 1.4kg | 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 | Portable | Portable | Portable and fixed ¹ | Portable and fixed ¹ | Portable and fixed ¹ | Portable and fixed ¹ | Fixed ¹ | Fixed ¹ |
| | Standard IP | Up to 240 / 384kbps (send / receive) | Up to 240 / 384kbps (send / receive) | Up to 464kbps (send / receive) | Up to 492kbps (send and receive) | Up to 492kbps (send and receive) | Up to 448 / 464kbps (send / receive) | Up to 448 / 464kbps (send / receive) | Up to 448 / 464kbps (send / receive) |
| | Streaming IP | 32, 64kbps | 32, 64kbps | 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 | Via RJ-11, handset | Via RJ-11 or Bluetooth handset / headset | Via WiFi or SIP (EXPLORER Connect App) | 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 | 64kbps via RJ-45 | N/A | 64kbps via RJ-45 | N/A | N/A |
| | Other data interfaces | Ethernet | Ethernet | WiFi, USB | 2 x Ethernet, USB, WiFi | RJ-45 Ethernet, WiFi | Ethernet, WiFi | Ethernet, USB | Ethernet, USB |
| Ingress protection | IP 54 | IP 54 | IP 66 | IP 52 (transceiver) IP 66 (antenna) | IP 65 | IP 55 | IP 65 (antenna) IP 40 (modem) | IP 66 | |

* These terminals have been optimised 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 | 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



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