

SATELLITE BROADBAND MODEMS COMPARISON GUIDE



	BGAN EXPLORER 710	BGAN HUGHES 9211 - HDR	THURAYA IP+	BGAN EXPLORER 510	BGAN HUGHES 9202	BGAN EXPLORER 300	WIDEYE SABRE 1	IRIDIUM PILOT LAND	BGAN HUGHES 9502	Ranger M2M	ISATHUB
											
Network/ Coverage											
Manufacturer	Cobham Satcom	Hughes	Hughes	Cobham Satcom	Hughes	Cobham Satcom	Wideye	Iridium	Hughes	Wideye	AddValue
Size	332 x 279 x 54 mm	232 x 292 x 51 mm	216 X 216 X 45 mm	202 x 202 x 51.8 mm	216 x 216 x 45 mm	170 x 217 x 52 mm	259 x 195 x 58 mm	Antenna: 503 (H) x 580 (D) mm Indoor Unit: 200 x 250 x 55 mm	IDU: 150 x 200 x 45 mm ODU: 385 x 385 x 33 mm	305 x 186 x 49 mm	179 x 170 x 30 mm
Weight	3.5 kg	1.9 kg	1.4 kg	1.4 kg	1.5 kg	1.4 kg	1.65 kg	Antenna: 12.5 kg Indoor unit: 1.35 kg	IDU: 1.2 kg ODU: 1.9 kg	1.5 kg	850 gr
Class Type	Class-1 advanced	Class 1	n/a	Class 2	Class 2	Class 3	Class 3	N/A	Class 2	Class 3	n/a
Standard IP - Internet Speed Shared bandwidth	492 kbps Up & Down	492 Kbps Up & Down	444 Kbps Down 404 Kbps Up	464 kbps Up & Down	464 Kbps Down 448 Kbps Up	384 Kbps Up & Down	384 Kbps Down 240 Kbps Up	134 kbps Up & Down	464 Kbps Down 448 Kbps Up	384 Kbps Down 240 Kbps Up	384 Kbps Down 240 Kbps Up
Streaming IP Guaranteed Bandwidth	32, 64, 128, 176, 256, 384+ or 650 kps Asymmetric mode available	32, 64, 128, 176, 256, 384+ or 650 kps Asymmetric mode available	16, 32, 64, 128, 256 or 384 Kbps Asymmetric mode available	32, 64 or 128 kbps	32, 64, or 128 Kbps	32, 64 Kbps	32, 64 Kbps	✗	✗	✗	✗
Wi-Fi	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✓
Standard Phone	✓	✓	✗	✓	✓	✓	✓	✓	✗	✗	✗
SMS	✓	✓	✗	✓	✓	✓	✓	✗	✓	✓	✓
Fax	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗
Data Interface	Ethernet 2 ports	Ethernet	Ethernet	WiFi Only - USB interface	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	Ethernet	WiFi only
ISDN	64 Kbps via RJ-45	✗	✗	✗	64Kbps via RJ-45	✗	✗	✗	✗	✗	✗
Battery Life	36 hours	36 hours	36 hours	36 hours	36 hours	30 hours	36 hours	N/A	External Powered	External Powered	8 hours
Operating Temperature	-25°C to +55°C	-25°C to +55°C	-25°C to +55°C	-25°C to +55°C	-25°C to +60°C	-25°C to +55°C	-20°C to +60°C	N/A	-40°C to +75°C	-40°C to +75°C	-20°C to +55°C
Ingress Protection	IP 52 IDU IP 66 ODU	IP65	IP55	IP66	IP 55	IP 54	IP 54	IP 66	IP 40 IDU IP 65 ODU	IP 65	IP 65

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