

SATELLITE BROADBAND MODEMS **COMPARISON GUIDE**



	BGAN EXPLORER 710	BGAN HUGHES 9211 - HDR	THURAYA IP+	BGAN EXPLORER 510
Network/ Coverage			THURAYA	
Manufacturer	Cobham Satcom	Hughes	Hughes	Cobham Satcom
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
Weight	3.5 kg	1.9 kg	1.4 kg	1.4 kg
Class Type	Class-1 advanced	Class 1	n/a	Class 2
Standard IP - Internet Speed Shared bandwidth	492 kbps Up & Down	492 Kbps Up & Down	444 Kbps Down 404 Kbps Up	464 kbps Up & Down
Streaming IP Guaranteed Band- width	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
Wi-Fi	✓	✓	✓	✓
Standard Phone	✓	✓	✗	✓
SMS	✓	✓	✗	✓
Fax	✓	✓	✗	✗
Data Interface	Ethernet 2 ports	Ethernet	Ethernet	WiFi Only - USB interface
ISDN	64 Kbps via RJ-45	✗	✗	✗
Battery Life	36 hours	36 hours	36 hours	36 hours
Operating Temperature	-25°C to +55°C	-25°C to +55°C	-25°C to +55°C	-25°C to +55°C
Ingress Protection	IP 52 IDU IP 66 ODU	IP65	IP55	IP66

	BGAN HUGHES 9202	IRIDIUM PILOT LAND	BGAN HUGHES 9502	Ranger M2M	ISATHUB
Network/ Coverage					
Manufacturer	Hughes	Iridium	Hughes	Wideye	AddValue
Size	216 x 216 x 45 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	1.5 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 2	N/A	Class 2	Class 3	n/a
Standard IP - Internet Speed Shared bandwidth	464 Kbps Down 448 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 Band- width	32, 64, or 128 Kbps	✗	✗	✗	✗
Wi-Fi	✓	✗	✗	✗	✓
Standard Phone	✓	✓	✗	✗	✗
SMS	✓	✗	✓	✓	✓
Fax	✓	✗	✗	✗	✗
Data Interface	Ethernet	Ethernet	Ethernet	Ethernet	WiFi only
ISDN	64Kbps via RJ-45	✗	✗	✗	✗
Battery Life	36 hours	N/A	External Powered	External Powered	8 hours
Operating Temperature	-25°C to +60°C	N/A	-40°C to +75°C	-40°C to +75°C	-20°C to +55°C
Ingress Protection	IP 55	IP 66	IP 40 IDU IP 65 ODU	IP 65	IP 65

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