











SATELLITE BROADBAND MODEMS COMPARISON GUIDE









Interactive file - Click on each network to check coverage online 

	BGAN EXPLORER 710	BGAN HUGHES 9211 - HDR
		
Network/ Coverage		
Manufacturer	Cobham Satcom	Hughes
Size	332 x 279 x 54 mm	232 x 292 x 51 mm
Weight	3.5 kg	1.9 kg
Class Type	Class-1 advanced	Class 1
Standard IP - Internet Speed Shared bandwidth	492 kbps Up & Down	492 Kbps Up & Down
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
Wi-Fi	✓	✓
Standard Phone	✓	✓
SMS	✓	✓
Fax	✓	✓
Data Interface	Ethernet 2 ports	Ethernet
ISDN	64 Kbps via RJ-45	✗
Battery Life	36 hours	36 hours
Operating Temperature	-25°C to +55°C	-25°C to +55°C
Ingress Protection	IP 52 IDU IP 66 ODU	IP65

	THURAYA IP+	BGAN EXPLORER 510	BGAN HUGHES 9202
			
			
	Hughes	Cobham Satcom	Hughes
	216 X 216 X 45 mm	202 x 202 x 51.8 mm	216 x 216 x 45 mm
	1.4 kg	1.4 kg	1.5 kg
	n/a	Class 2	Class 2
	444 Kbps Down 404 Kbps Up	464 kbps Up & Down	464 Kbps Down 448 Kbps Up
	16,32,64,128,256 or 384 Kbps Asymmetric mode available	32, 64 or 128 kbps	32, 64, or 128 Kbps
	✓	✓	✓
	✗	✓	✓
	✗	✓	✓
	✗	✗	✓
	Ethernet	WiFi Only - USB interface	Ethernet
	✗	✗	64Kbps via RJ-45
	36 hours	36 hours	36 hours
	-25°C to +55°C	-25°C to +55°C	-25°C to +60°C
	IP55	IP66	IP 55

BGAN EXPLORER 300	WIDEYE SABRE 1	IRIDIUM PILOT LAND
		
		
Cobham Satcom	Wideye	Iridium
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
1.4 kg	1.65 kg	Antenna: 12.5 kg Indoor unit: 1.35 kg
Class 3	Class 3	N/A
384 Kbps Up & Down	384 Kbps Down 240 Kbps Up	134 kbps Up & Down
32, 64 Kbps	32, 64 Kbps	✗
✗	✗	✗
✓	✓	✓
✓	✓	✗
✗	✗	✗
Ethernet	Ethernet	Ethernet
✗	✗	✗
30 hours	36 hours	N/A
-25°C to +55°C	-20°C to +60°C	N/A
IP 54	IP 54	IP 66

BGAN HUGHES 9502	Ranger M2M	ISATHUB
		
		
Hughes	Wideye	AddValue
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
IDU: 1.2 kg ODU: 1.9 kg	1.5 kg	850 gr
Class 2	Class 3	n/a
464 Kbps Down 448 Kbps Up	384 Kbps Down 240 Kbps Up	384 Kbps Down 240 Kbps Up
✗	✗	✗
✗	✗	✓
✗	✗	✗
✓	✓	✓
✗	✗	✗
Ethernet	Ethernet	WiFi only
✗	✗	✗
External Powered	External Powered	8 hours
-40°C to +75°C	-40°C to +75°C	-20°C to +55°C
IP 40 IDU IP 65 ODU	IP 65	IP 65

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