







# SATELLITE VEHICULAR MODEMS COMPARISON GUIDE

Interactive file - Click on each network to check coverage online 

	HUGHES 9350 - 11	BGAN EXPLORER 727	BGAN EXPLORER 325
			
Network/Coverage			
Manufacturer	Hughes	Cobham Satcom	Cobham Satcom
Size	ODU: 477 x 153 mm IDU: 260 x 256 x 50 mm	ODU: 477 x 160 mm IDU: 42.5 x 247 x 270 mm	ODU: 350 x 120 mm IDU: 41 x 231 x 278 mm
Weight	ODU: 5.5 kg IDU: 2.8 kg	ODU: 6kg IDU: 2.4 kg	ODU: 3.6 kg IDU: 2.2 kg
Standard IP - Internet Speed	Up to 492 Kbps Up & Down	Up to 432 Kbps Up & Down	Up to 384 Kbps Up & Down
Streaming IP Guaranteed Bandwidth	32,64,128 or 256 Kbps	32,64,128,256, 384+ Kbps X-stream	32,64 or 128 Kbps
Wi-Fi	✓	✗	✗
Standard Phone	✓	✓	✓
SMS	✓	✓	✓
Fax	✓	✓	✗
Data Interface	Ethernet 1 port w/ POE	Ethernet 4 RJ45 ports	Ethernet 2 RJ45 ports
ISDN	✓	✓	✗
Input DC Power	12V or 24V vehicle (10.5 to 32V DC)	12V vehicle (10.5 to 32V DC)	12V vehicle (10.5 to 32V DC)
Ingress Protection	IP 56(ODU) IP 54 (IDU)	IP 56 (ODU) IP 31 (IDU)	IP 56 (ODU) IP 31 (IDU)
Operating Temperature	-25°C to +55°C	-25°C to +55°C	-25°C to +55°C

WIDEYE SAFARI	HUGHES 9450	THURAYA IP VOYAGER	HUGHES 9350 - 10
			
			
Cobham Satcom	Hughes	Hughes	Hughes
ODU: 252 x 120 mm	ODU: 252 x 119 mm	ODU: 252 x 119 mm	ODU: 477 x 153 mm
IDU: 340 x 253 x 61.5 mm	IDU: 46 x 281 x 234 mm	IDU: 46 x 281 x 233 mm	IDU: 50 x 256 x 260 mm
ODU: 1.9 kg IDU: 3.5 kg	ODU: 2 kg IDU: 2.3 kg	ODU: 2 kg IDU: 2.3 kg	ODU: 5.5 kg IDU: 2.8 kg
Up to 464 Kbps Down Up to 448 Kbps Up	Up to 464 Kbps Down Up to 448 Kbps Up	Up to 444 Kbps Down Up to 404 Kbps Up	Up to 400 Kbps Up & Down
32,64 or 128 Kbps	32, 64 or 128 Kbps	16,32,64,128,256 or 384 Kbps (unshared)	32,64,128 or 256 Kbps
✓	✓	✓	✓
✓	✓	✗	✓
✓	✓	✗	✓
✗	✓	✗	✓
Ethernet 2 ports RJ45	Ethernet 4 ports w/ POE	Ethernet	Ethernet 2 ports w/ POE
✓	✓	✓	✓
12V vehicle (10.5 to 32V DC)	12V vehicle (10.5 to 32V DC)	12V vehicle (10.5 to 32V DC)	12V vehicle (10.5 to 32V DC)
IP 56 (ODU) IP66 (Handset)	IP 56(ODU) IP 54 (IDU)	IP 56 (ODU)	IP 56 (ODU) IP 54 (IDU)
-25°C to +55°C	-25°C to +55°C	-25°C to +55°C	-25°C to +55°C

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