

Satellite phone comparison sheet



Thuraya SatSleeve+



Thuraya SatSleeve Hotspot



Iridium Go



Globalstar Sat-Fi

System	Thuraya SatSleeve+	Thuraya SatSleeve Hotspot	Iridium Go	Globalstar Sat-Fi
System	Voice and Data (GmPRS)	Voice and Data (GmPRS)	Voice and Data (Circuit switched)	Voice and Data (Circuit switched)
Form Factor (hardware usability)				
Dimensions	138 x 69 x 42 mm	142 x 69 x 38 mm	114 x 83 x 32 mm	160 x 160 x 61 mm
Volume (cubic centimeters)	400	372	300	1561
Weight	256g	290g	295g	1,111g
Data				
Data speeds	GmPRS: 60/15 kbps	GmPRS: 60/15 kbps	Circuit Switch: 2.4 kbps	Circuit Switch: 9.6 kbps
Multi-user	No - by choice and design, only 1 user can connect at a time	No - by choice and design, only 1 user can connect at a time	Yes - multiple users can connect but only one can use at a time	Yes - multiple users can connect and use data but only one voice call can be made at a time
Data usability	Any low-bandwidth apps	Any low-bandwidth apps	Cannot use normal smartphone apps	Cannot use normal smartphone apps
Features				
GPS capability	Yes	Yes	Yes	Yes
Multi-user	Yes	Yes	No	No
Technical specifications				
Battery life	3hrs usage/9hrs standby (Wi-Fi continuously on)/70hrs standby (Wi-Fi off)	3hrs usage/9hrs standby (Wi-Fi continuously on)/70hrs standby (Wi-Fi off)	5hrs usage/16hrs standby	N/A (external power source is required)
Price				
Handset Price (Retail)	\$400 - \$500	\$400 - \$500	\$800	\$1,000
Compatibility				
Smartphones	Various iOS and Android devices	Various iOS and Android devices	iOS and Android 2.3.x, 3.x.x, 4.0.x, 4.1 and above	iOS and Android 4.1 and above
Reliability				
Call Stability (dropped calls)	Stable calls due to design of satellite and handset antenna supported by high gain spot beams and dynamic resource allocation	Stable calls due to design of satellite and handset antenna supported by high gain spot beams and dynamic resource allocation	Can experience delay during call handover from one satellite to the next, through inter-satellite links	Stable
Performance of system architecture	Operating as per system design	Operating as per system design	Not operating as per system design (only 1 out of 12 required gateways are operational)	Not operating as per system design (Several gateways around the world have fallen into disrepair)
Walk-and-Talk functionality	Full walk-and-talk	Within Wi-Fi radius	Within Wi-Fi radius	Within Wi-Fi radius
Voice codec (call quality)	4 kbps	4 kbps	2.2 - 3.8 kbps	CDMA technology with good call quality
Coverage				
Network	Europe, Asia, Australia, Africa	Europe, Asia, Australia, Africa	Europe, Asia, Australia, Africa, Americas, Antarctica	Europe, Australia, Americas