

Iridium Extreme™

Satellite Phone Comparison



Iridium Extreme™ is the toughest satellite phone on the market, with more features than ever before. It's location-aware. It's rugged. It's powerful communications, in hand. Taking both capability and durability to the extreme, no other mobile communications company lets you take the best of both worlds, all over the world.

	Iridium Extreme™	Iridium 9555 Satellite Phone	Inmarsat IsatPhone Pro	Thuraya XT
Size	140 x 60 x 27 mm	143 x 55 x 30 mm	170 x 54 x 39 mm	128 x 53 x 26.5 mm
Weight	247 g	266 g	279 g	193 g
Display	Glare-Resistant LCD Display	Glare-Resistant LCD Display	Monochrome Display	Glare-Resistant Color Display
Antenna Design	Retractable Omni-Directional Antenna	Retractable Omni-Directional Antenna	Fold-Out Directional Antenna	Retractable Omni-Directional Antenna
Durability Specifications	Military Grade (MIL-STD 810F)	n/a	n/a	IK 03 (for shock)
Ingress Protection	Dust proof, jet water resistant (IP65)	n/a	Dust resistant, splash resistant (IP54)	Dust resistant, splash resistant (IP54)
Network				
Network	66 Low Earth Orbit (LEO) satellites orbiting 485 miles from earth	66 Low Earth Orbit (LEO) satellites orbiting 485 miles from earth	3 Geostationary (GEO) satellites in fixed orbit 22,000 miles from earth	2 Geostationary (GEO) satellites in fixed orbit 22,000 miles from earth
Coverage	Global, pole-to-pole coverage	Global, pole-to-pole coverage	Coverage over 3 regions	Coverage over 2 regions
Mobility	Talk and move freely 66 Low Earth Orbit satellites overhead	Talk and move freely 66 Low Earth Orbit satellites overhead	Talk with regional mobility limitations 3 Geostationary satellites in fixed location	Talk with regional mobility limitations 2 Geostationary satellites in fixed locations
User Experience				
Phone Registration	Network registration	Network registration	Requires GPS fix and network registration	Requires GPS fix and network registration
Time to Power-on and Make a Phone Call	Under 30 seconds	Under 30 seconds*	72-120 seconds**	Up to 1 minute
Ability to Receive Incoming Phone Calls	Capable of incoming call notification if antenna extended or retracted	Capable of incoming call notification if antenna extended or retracted	Capable of incoming call notification only if antenna is extended	Capable of incoming call notification if antenna extended or retracted
Ability to Send/Receive SMS Messages	Supported	Supported	Supported	Supported
Ability to Connect to Laptop and Send/Receive Data	Supported	Supported	Supported	Supported
Ability to Connect and Utilize Laptop and Smartphones	Supported via USB cable and Wi-Fi accessory (Iridium AxxessPoint)	Supported via USB cable and Wi-Fi accessory (Iridium AxxessPoint)	Not Supported	Not Supported
Location Based Services (LBS)	<ul style="list-style-type: none"> • Share location via SMS • Online tracking via SBD • Programmable SOS button 	n/a	• Share location via SMS	<ul style="list-style-type: none"> • GPS helper function • Thuraya SOS

Competitor data publicly sourced. Iridium bears no responsibility for the accuracy of publicly sourced data.
 * Data sourced from Frost & Sullivan Report, September 2010.
 ** Data sourced from TelAstra Report, November 2010.

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