

# Satellite phone Comparison sheet

## Thuraya XT-PRO DUAL



	Thuraya XT-PRO DUAL	Thuraya XT-PRO	Thuraya XT-LITE	Iridium 9555	Iridium 9575	IsatPhone 2
<b>Form Factor:</b>						
Size	138x57x27mm	128x53x27mm	128x53x27mm	143x55x30mm	140x60x27mm	169 x 75 x 29mm
Volume	212cm <sup>3</sup>	183cm <sup>3</sup>	183cm <sup>3</sup>	236cm <sup>3</sup>	227cm <sup>3</sup>	367cm <sup>3</sup>
Weight	232g	212g	186g	266g	247g	318g
Display size	2.4 inch	2.4 inch	2.0 inch	1.9 inch	1.9 inch	2.3 inch
<b>Navigation System</b>						
Navigation System	GPS/BeiDou/ Glonass/Galileo	GPS/BeiDou/ Glonass	GPS (GPS/BeiDou on Chinese firmware)	GPS only	GPS only	GPS only
<b>Reliability:</b>						
Battery Life	11 hrs talk / 100 hrs standby	9 hrs talk / 100 hrs standby	6 hrs talk / 80 hrs standby	4 hrs talk / 30 hrs standby	4 hrs talk / 30 hrs standby	8 hrs talk / 160 hrs standby
Ingress Protection	Shock, dust and jet water resistant	Shock, dust and jet water resistant	n/a	n/a	Shock, dust and jet water resistant	Shock, dust and jet water resistant
Display	Advanced color outdoor display with Gorilla® glass	Advanced color outdoor display with Gorilla® glass	Standard color display	Daylight readable LCD	Daylight readable LCD	Daylight readable LCD
Walk-and-Talk Functionality	Full walk-and-talk	Full walk-and-talk	Full walk-and-talk	Basic walk-and-talk	Basic walk-and-talk	No walk-and-talk
Call Stability (dropped calls)	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		Satellite antennas are smaller which impacts call quality
Voice Codec (call quality)	4 kbps	4 kbps	4 kbps	2.2 - 3.8 kbps	2.2 - 3.8 kbps	2.4 kbps
<b>Others:</b>						
Dual-mode (SAT and Cellular)	Yes	No	No	No	No	No
Dual-SIM	Yes	No	No	No	No	No
Satellite Coverage	Europe, Africa, Asia, Australia	Europe, Africa, Asia, Australia	Europe, Africa, Asia, Australia	Americas, Europe, Africa, Asia, Australia, Antarctica	Americas, Europe, Africa, Asia, Australia, Antarctica	Americas, Europe, Africa, Asia, Australia
Terrestrial Coverage	Most global 4G/3G/2G frequencies	n/a	n/a	n/a	n/a	n/a
Data	GmPRS: Up to 60 kbps Circuit switched: 9.6 kbps LTE: Up to 30 mbps	GmPRS: Up to 60 kbps Circuit switched: 9.6 kbps	n/a	Circuit switched: 9.6 kbps	Circuit switched: 9.6 kbps	Circuit switched: 9.6 kbps
Terrestrial Roaming (GSM SIM via satellite network)	380+ roaming partners	380+ roaming partners	380+ roaming partners	No GSM Roaming	No GSM Roaming	No GSM Roaming
<b>Additional Features:</b>						
GPS - Waypoint Navigation	✓	✓	✓	✗	✗	✗
Calendar	✓	✓	✓	✗	✗	✗
Alarms	✓	✓	✓	✗	✗	✓
Calculator	✓	✓	✓	✗	✗	✗
<b>Price</b>						
Retail Price	\$\$\$	\$\$	\$	\$\$\$\$	\$\$\$\$\$	\$\$