Satellite phone Comparison sheet



Thuraya X5-Touch



Thuraya XT-PRO DUAL

Thuraya XT-PRO



Thuraya XT-LITE



Iridium 9555

Form Factor:							
Size	145x78x24mm	138x57x27mm	128x53x27mm	128x53x27mm	143x55x30mm	140x60x27mm	169 x 75 x 29mm
Volume	271cm ³	212cm ³	183cm ³	183cm ³	236cm ³	227cm ³	367cm3
Weight	262g	222g	212g	186g	266g	247g	318g
Display size	5.2 inch	2.4 inch	2.4 inch	2.0 inch	1.9 inch	1.9 inch	2.3 inch
Navigation System:							
Navigation System	GPS/BeiDou/Glonass	GPS/BeiDou/Glonass/Galileo	GPS/BeiDou/Glonass	GPS (GPS/BeiDou on Chinese firmware)	GPS only	GPS only	GPS only
Reliability:							
Battery Life	11 hrs talk / 100 hrs standby	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
Protection	"IP67 - Full dust and water protected Complies with MIL 810 G/F for shock, vibration, extreme temperature;"	IP55/IK05 - Shock, dust and jet water resistant	IP55/IK05 - Shock, dust and jet water resistant	n/a	n/a	IP65 - Dust and jet water resistant Complies with MIL 810 F for shock, vibration;	IP65/IK04 - Shock, dust and jet water resistant
Display	5.2" full HD LCD touchscreen with Gorilla® glass (capacitive display works also with gloves and in wet conditions)	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	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 weaker which impact call quality			
Voice Codec (call quality)	4 kbps	4 kbps	4 kbps	4 kbps	2.2 - 3.8 kbps	2.2 - 3.8 kbps	2.4 kbps
Others:							
Dual-mode (SAT and GSM)	Yes	Yes	No	No	No	No	No
GSM Coverage	Most global 2G/3G/4G frequencies	Most global 2G/3G frequencies	n/a	n/a	n/a	n/a	n/a
Dual-SIM	Yes	Yes	No	No	No	No	No
SOS button	Yes	Yes	Yes	No	No	Yes	Yes
Data	"GmPRS: Up to 60 Kbps Circuit switched: 9.6 Kbps LTE: Up to 300 Mbps "	GmPRS: Up to 60 Kbps Circuit switched: 9.6 Kbps HSPA: Up to 7.2 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
Satellite Coverage	Europe, Africa, Asia, Australia	Europe, Africa, Asia, Australia	Europe, Africa, Asia, Australia	Europe, Africa, Asia, Australia	Americas, Europe, Africa, Asia, Australia, Antarctica		Americas, Europe, Africa, Asia, Australia
GSM Roaming (GSM SIM via satellite network)	380+ roaming partners	380+ roaming partners	380+ roaming partners	380+ roaming partners	No GSM Roaming	No GSM Roaming	No GSM Roaming
Additional Features:							
External Apps	Yes	No	No	No	No	No	No
Geofencing	Yes	No	No	No	No	No	No
Price:							
Retail Price	\$\$\$\$	\$\$\$	\$\$	\$	\$\$\$\$	\$\$\$\$\$	\$\$





Iridium 9575



IsatPhone 2