



Thuraya X5-Touch

The world's smartest satellite phone.

This is Thuraya X5-Touch

Offering unparalleled flexibility and a fully ruggedized design, the X5-Touch is ideal for operational supervision in the mining industry who are frequently on the move between mining sites, outside of terrestrial coverage. The Android-based satellite and GSM phone offer a truly dual experience by allowing you to receive calls on your GSM number, even when on an active satellite call and vice versa. Equipped with a powerful battery, you can expect up to 11 hours of talk time and a standby time of 100 hours, so you'll always be in touch with your bases.

Designed to be the most ruggedized phone in the industry, the Thuraya X5-Touch is immune to any mining project hazards including dust, water, shock, vibration, and extreme temperature. The phone comes pre-installed with a range of Google applications and the Android Operating System, so you can completely personalize your phone to suit your needs. To ensure your safety on-site the X5-Touch is built with a dedicated SOS button and advanced navigation capabilities, so you can conduct your mining operations freely and safely.

Product Features



Fully ruggedized

The most rugged phone in the industry with IP67 standards and compliance with MIL 810 G/F. The phone is fully dust & water protected, tested to withstand shock, vibration, and extreme temperature.



Communicate seamlessly in dual-mode, with dual SIM.

The Thuraya X5-Touch works over Thuraya's L-band satellite network as well as GSM 2G/3G/4G/LTE networks. Equipped with two nano-SIM card slots for complete flexibility and choice.



SAT and GSM "Always On."

Make and receive calls simultaneously on both SAT & GSM networks. For a true dual experience, you can receive calls on your GSM number even when on an active satellite call and vice versa.



Advanced navigation capabilities.

Use built-in GPS, BeiDou, and Glonass systems to send your current location details to pre-defined numbers via SMS/ email, based on pre-set time intervals, distance traveled, or when moving inside or outside your pre-set geofence



Most powerful battery.

Equipped with the most powerful battery in the industry, the X5-Touch has a talk-time of up to 11 hours and a standby time of up to 100 hours enabling reliable communications for an extended period of time.



Dedicated SOS button

An easy-to-use SOS button. Even when the phone is switched off, simply press and hold the SOS button for 3 seconds, which starts the handset and triggers the SOS call (and/or SMS) to any pre-programmed number.

“Always-on” Satellite & GSM mode.



Make the most out of your camera

Front and rear cameras to take photos and videos. Enjoy features like built-in flash, panorama mode, face detection, and many more.



Expand your phone memory

With a dedicated Micro-SD slot, expand your phone memory up to 32GB and make sure you don't run out of memory when you need it.



Connect any way you want

The phone comes with Wi-Fi, Bluetooth, and NFC connectivity.



Walk-and-Talk

Reliable and efficient walk-and-talk communications due to the combination of Thuraya's high-performance satellite network and an omnidirectional antenna designed to ensure enhanced mobility.



Bring Your Own App (BYOA)

The Android platform on the X5-Touch allows every customer and every developer to personalize the phone to their needs and any customization that Android provides. The phone also integrates easily with wearables.

Product Specifications

System/Frequencies	Satellite: Thuraya L-Band satellite	<ul style="list-style-type: none"> • GSM: 850, 900, 1800, 1900 MHz • LTE: B1 (2100), B3 (1800), B5 (850), B7 (2600), B8 (900), B20 (800), B40 (2300), B41 (2500) • UMTS HSPA: B1 (2100), B2 (1900), B5 (850), B8 (900)
SIM cards	Satellite: 1 SAT SIM slot (nano-SIM)	GSM: 1 GSM SIM slot (nano-SIM)
Data services	Satellite: GmPRS: up to 60/15 Kbps (download/upload) Circuit switched: 9.6 Kbps	LTE: up to 300/150 Mbps (download/upload)
Satellite services	Calls, SMS, SMS to email, fax	
Size (phone body)	145 x 78 x 24 mm	
Weight	262 g	
Operating System	Android Nougat (7.1.2)	
Processor	Qualcomm Snapdragon 625, 2 GHz octa-core	
Battery	3800 mAh battery which provides up to 11 hours' talk time and up to 100 hours' standby time	
Global Navigation Satellite System (GNSS)	GPS, BeiDou, Glonass	
Display	5.2" full HD LCD touchscreen (1920 x 1080) with Corning Gorilla® glass (capacitive display works also with gloves and in wet conditions)	

Ingress protection	Water resistant, dust resistant (IP67), Complies with MIL-Standard 810 G/F (shock, vibration, extreme temperature)
Camera	Rear camera: 8MP with flash Front camera: 2MP
Memory	16 GB eMMC memory 2 GB RAM Expandable memory up to 32 GB via microSD (optional)
External interfaces	USB-C connector for charging and data transmission, Earphones jackconnector (3.5mm), Antenna connector
PC compatibility	Windows 10, 8/8.1, 7
Languages	16 languages supported: English, Arabic, Bahasa Indonesia, Chinese (Simplified), Chinese (Traditional), Farsi, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish, Turkish, Urdu
Supplementary phone services (in SAT and GSM mode)	Conferencing, Call Waiting, Call Hold, Call Forwarding, Call Barring, Number Identification, Calling Line Identification Presentation, Calling Line Identification Restriction, Connected Line identification Presentation, Connected Line Identification Restriction, Unstructured supplementary services data (USSD)
Phone sensors	Gyroscope sensor, Accelerometer & Geomagnetic sensor, ALPS Ambient Light Photo sensor, Digital Pressure sensor
Other networks	Bluetooth 4.1, A2DP, LE; NFC; FM radio; Wi-Fi 802.11 a/b/g/n/ac, Wi-Fi direct, Wi-Fi Hotspot
Audio	Multi-microphone active noise cancelling, High-performance speakers incl. speakerphone