Thuraya WΞ

Connecting Everyone Everywhere

Satellite & LTE Hotspot

Staying connected is a priority. It's at the heart of your social identity and self-expression. It's how you reach out to your family and closest friends, to share with them your experiences and news.

We at Thuraya understand this fundamental need, and that's why we have been evolving and advancing our data products throughout the years to meet this ever-growing global demand for wireless data connectivity. Thuraya WE was developed to converge satellite with terrestrial communications. It is the world's first dual mode Satellite & LTE hotspot that keeps you in contact with your family and friends all the time, no matter where you are.

Thuraya We allows you to automatically switch between Satellite and GSM networks with a click of a button using the Thuraya WE mobile app and web interface. With Thuraya WE, you can transform any area into a Wi-Fi hotspot, and allow up to 10 smart devices to connect and share internet within a range of 30m or more.

Product Features

Single SIM, dual mode hotspot
Thuraya WE is the only hotspot in the market to offer dual mode capability. It extends data coverage by offering Satellite & LTE broadband data services allowing you to move in and out of terrestrial coverage areas with ease. You can opt for a Thuraya SIM card and connect to the satellite network or a GSM SIM to enjoy LTE speed. When outside of GSM coverage roam into Thuraya's network using any of our global data roaming partners and stay connected.

Manual or auto-network selection
Thuraya WE enables you to flexibly switch between networks by setting up the auto-network switching function on the web interface or smart phone app. The hotspot will automatically switch from your default network to the other network once you're out of coverage. You can still manually select and switch between networks through Thuraya WE web interface and mobile app by selecting manual network selection.

BEAM®

Calls and text messages in satellite mode
The Thuraya WE app transforms your smart device into a satellite phone, it enables you to access your existing phone's contact list to make satellite calls and SMS's when satellite mode is selected.

Easy to use interface
To fully control the hotspot, Thuraya has developed a user friendly interface that can be accessed either through the web or through a mobile app compatible with iOS and Android systems. Thuraya WE interface, allows you to easily select and switch between networks, locate the satellite, view signal strength, connection status, battery status, system alerts, data usage reporting, and access device settings.

Unified communications
With Thuraya WE, you can transform any area into a Wi-Fi hotspot, connect all your devices and applications, enjoy the internet by connecting up to 10 smart devices to Thuraya WE within a radius of 30 meters or more.

Lightweight and durable
Weighing 1 kg only, Thuraya WE is compact light and portable, offering voice and data connectivity on the go. It holds the globally recognized Ingress Protection Rating IP54 which provides protection from dust and water spray from any direction to withstand harsh environments.

Product Specifications

POWER SPECIFICATIONS

Rated Input	12V DC, 3A max, 12V + 0.6V
Battery Type	Lithium Ion, rechargeable
Battery Capacity	7.4V, 6Ah, (2S2P)
Min Charge cycles	300, At 75% Depth of Discharge (DoD)

RUN TIMES (BATTERY)

GSM – standby	20hrs
GSM – Data	9hrs
Sat – standby	6hrs
Sat – voice	5hrs
Sat – Data	3 hrs

PHYSICAL

Weight	1.00Kg
Size	230mm x 197mm x 24mm
DC input Connector	2.5mm ID / 5.5 OD Jack, Centre Positive.
SIM Port	Mini

ENVIRONMENTAL

Operating Temperature	-20°C to +55°C, Device ambient temperature
Transport Temperature	-20°C to +60°C, With Battery
Storage Temperature	-20°C to +60°C, With Battery
Battery Charging Temperature	0°C to +45°C, Battery Cell Temperature
Humidity	5% to 95% RH, At a temperature of 40°C
Ingress protection	IP54 compliant

SATELLITE SERVICES

Voice calls	Circuit Switch
Data	Up to 384Kbps on standard mode
SMS	Voice mode only

CELLULAR SERVICES

Data	3G / LTE
SMS	3G / LTE

Wi-Fi

Range	30+ meters Clear line of sight
Number of clients	Up to 10 users
Security	WPA2 Personal Authentication

GNSS SUPPORTED SYSTEMS
GPS, Glonass, Beidou

ROUTER FEATURES
Firewall, Mac Filtering, DMZ, NAT, Port Forwarding

NATIVE CLIENT APPLICATIONS

Android	Minimum version 4.2 (API17), Integrated Phonebook
iOS	Minimum version iOS9, Integrated Phonebook
Published API	For 3rd Party client application development

TRANSMISSION FREQUENCIES

Satellite	Tx 1626.5-1660.5 Mhz, (earth to space) Rx 1525-1559 Mhz, (space to earth)
4G LTE	Band 20 (800 MHz), Band 5 (850 MHz), Band 8 (900 MHz), Band 3 (1800 MHz), Band 1 (2100 MHz), Band 7 (2600 MHz)
3G	Band 5 (850 MHz), Band 2 (1900MHz)
Wi-Fi	Type G

REGULATORY & APPROVALS
FCC, CE, Safety IEC 60950 & CB certificate, ITU, RCM

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THURAYA
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