

THURAYA 

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Thuraya IP-4^{PLUS}
Reliable Connectivity, Anywhere

THURAYA 



Instant
connectivity
wherever you go

As our way of life changes with evolving technology trends, the need for 'always-on' connectivity becomes ever more prevalent. Satellite communications is the way forward as industries and individuals move further into uncharted terrains and implement smart solutions for wide-scale projects.

This is where Thuraya steps in. Our land data terminal is designed to meet the demands of a dynamic market and drive operational efficiency - no matter where our users are located or when they need it. Meet Thuraya IP+, the compact, portable, faster-than-ever mobile broadband terminal.

Thuraya IP+ is the natural choice where superior mobility and advanced data connectivity are a combined need. It is ideal for deployment in areas inadequately served by terrestrial networks and supports a range of mission-critical operations such as defense, telemedicine, disaster response, pipeline installations and broadcast media.



Key features of Thuraya IP+

Easy to set-up and use:

Delivering the highest throughput in its size class, Thuraya IP+ deploys from backpack to broadband in a matter of seconds, allowing you to easily take advantage of reliable connectivity in extensive locations covered by Thuraya's satellite network. Its plug-and-play features further ensure a hassle-free experience, wherever your mission takes you.

Compact and lightweight:

Smaller than the size of a regular laptop and weighing only 1.4kg, Thuraya IP+ is one of the most compact and portable broadband terminals available in the market - allowing users to achieve optimum performance without an external antenna.

Durable and dependable:

Thuraya IP+ is designed to withstand the harshest environments and holds the globally recognized IP55 Ingress Protection Rating which provides protection from dirt, dust, water, oil and other non-corrosive materials.

High-speed streaming capabilities:

Engineered to support bandwidth-intensive applications, Thuraya IP+ provides the fastest IP speeds for a satellite

broadband terminal of its size - ready for connection in any location covered under the Thuraya satellite network, with speeds of up to 444kbps on standard IP and 384kbps on streaming IP with an integrated antenna.

Optimized bandwidth usage:

Thuraya IP+ can be configured with asymmetric streaming to allow you to set upload and download speeds at different rates based on your usage requirements, helping to significantly reduce bandwidth costs. With Thuraya IP+, users have the flexibility to address on-demand consumption, such as utilizing a higher bandwidth to facilitate remote reporting.

Unlimited data usage plan:

With the unlimited data usage plan, users can conduct video conferences, file transfers and other high-bandwidth applications at a fixed monthly rate, at no unexpected costs.



Driving industries forward, advancing public and welfare goals

Thuraya IP+ is the ideal broadband tool for individuals in the field or personnel on the move. The terminal provides operations with the flexibility of setting up anywhere, from multiple points, and staying connected with HQs. Given that it supports various applications, IP+ empowers any individual on a remote, mobile or large-scale mission with quick and efficient data access, be it in from a rig or a makeshift medical camp.

Fueling energy explorations:

From oilfield operations to mining and utilities, Thuraya helps reach rural environments, serve new and untapped markets and facilitate remote information transfer and decision making. Industries and businesses rely on Thuraya for a competitive edge in far-reaching operations across regions.

Securing national interests:

Defense forces and deployed teams require instant, closed-group, stable connectivity with command centers. For years, Thuraya's secure network and on-the-move solutions have effectively facilitated coordinated communications and high-level operations among several national agencies. In these

instances, Thuraya IP+ is the preferred satellite data terminal as it supports multiple vital or advanced applications.

Aiding relief work:

Thuraya's commitment to the Crisis Connectivity Charter lends it cross-border mobility and accelerates the ability of emergency teams to deploy communications tools during times of crises. Along with other satcom devices, the Thuraya IP+ enables first responders and aid workers with vital and welfare communications for immediate and extended disaster relief efforts.



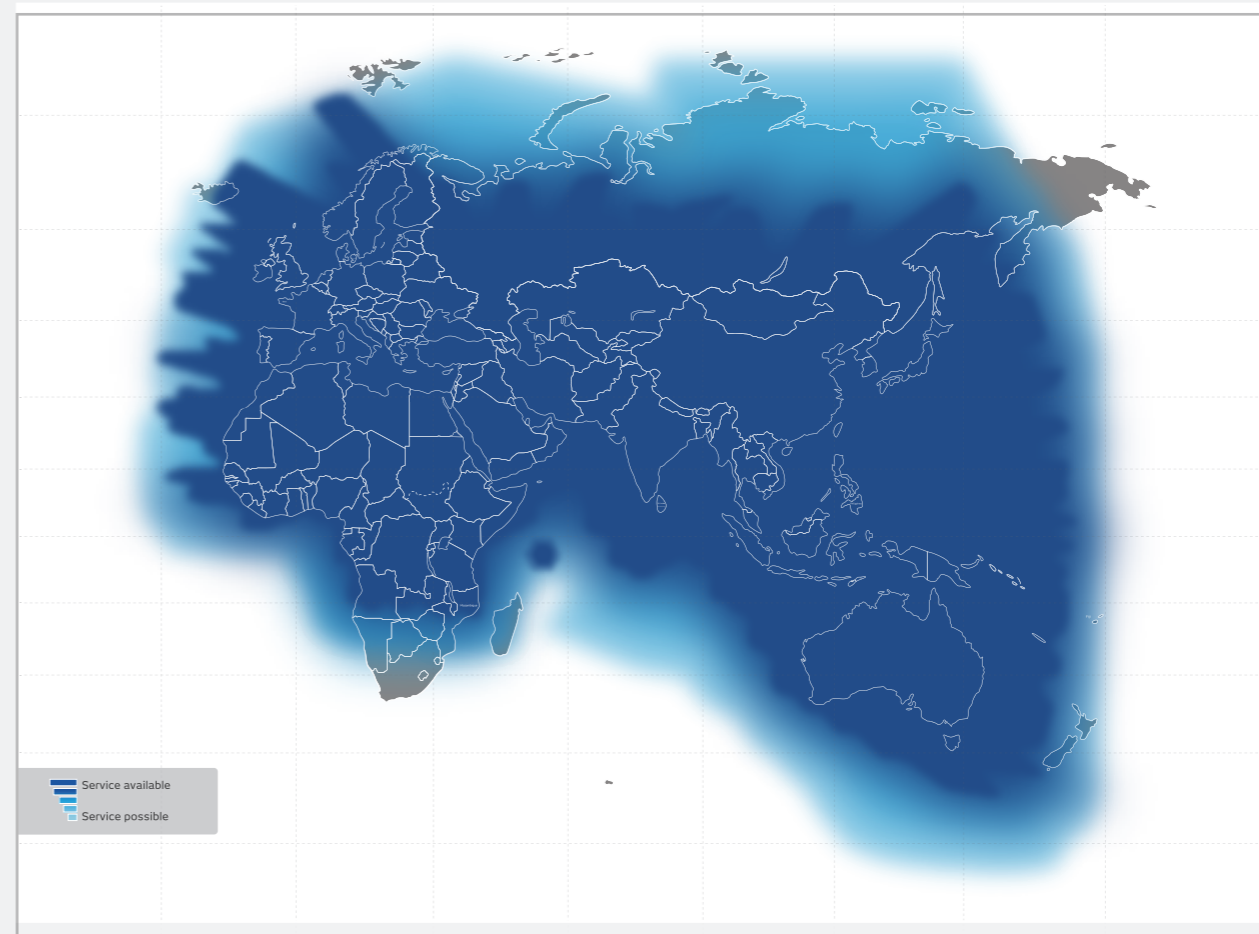
Key solutions

Thuraya IP+ supports several solutions applicable to enterprise or mission-critical connectivity and those geared towards rebuilding communities. These include:

- email, chat and internet services
- VOIP (encrypted)
- encryption and secure VPN
- compression and optimization
- video conferencing
- video surveillance
- portable relief kits
- critical comms and situational awareness
- border monitoring - remote detection & classification
- SCADA and telemetry
- underwater pipeline/ cable repairs
- vehicle and remote asset tracking
- distributed offices
- GSM monitoring
- portable GSM
- unified radio + satellite comms/ netted comms
- TETRA over satellite
- radio over IP
- PTT
- fax

Thuraya coverage area

Thuraya IP+ is a powerful mobile satellite broadband that keeps you always connected - from anywhere under the coverage area of Thuraya's satellite network, which spreads across 161 countries in Asia, Africa, Australia, Europe and the Middle East.



This map represents Thuraya expectations of coverage. For further information, please contact Thuraya Customer Care at customer.care@thuraya.com or visit www.thuraya.com

Thuraya IP+ technical specifications



Physical Characteristics	
Weight	1.4 kg (terminal and battery)
Size	216mm x 216mm x 45mm
Packet Data Services	
Streaming IP	384 kbps
Standard IP	444 kbps
Tolerances	
Operating Temperature	Running from external supply: -25°C to +55°C
	Running from battery: 0°C to +50°C
Storage Temperature	Including battery: -20°C to +60°C
	Excluding battery: -25°C to +80°C
Operating Humidity	95% RH at 40°C
Mechanical Vibration	200-2000 Hz, 0.3 m /s MIL-Spec 810B
Unpacked Drop	0.5 m on concrete surface
Ingress Protection	IP55 Standard
Compliances and Certifications	
	CE, EMC 301 444, 301 489, IEC 60950

Thuraya IP+ technical specifications



Power	
External Power	Main power supply adapter, 100-240 V AC at 50-60 Hz
Output Voltage	19 volt DC, 3.4 amps
Battery	
Battery Life	Up to 36 hours stand by time
	1 hour of continuous transmission at the highest rate
Battery Type	Lithium-Ion
Interfaces	
Connectors	Ethernet (RJ-45)
User Interface	Web-based graphical user interface accessible via standard web browser.
External Antenna Connector	GPS and only one antenna connector
WLAN Connectivity	IEEE 802.11 b/g/n standard with: - WEP, WPA and WPA2 encryption - SSID broadcasting control - MAC address filtering - DHCP