

Thuraya IP

ThurayaIP satellite modem offers Broadband Data Service through a highly compact, ultra lightweight and advanced satellite terminal. As the world's first and only Mobile Satellite Service to support 384 Kbps streaming IP, ThurayaIP offers superior 'Always on' super quick Internet access even from the remotest regions in more than 120 countries in the world.

A generation ahead in design and performance, ThurayaIP satellite broadband modem combines ultimate performance with a customized rugged design and protection to sustain rough usage. It is very portable and easy to setup - a simple plug and play mechanism that comes with user friendly graphical user interface.



Thuraya IP is ideal...

- For single users using bandwidth-hungry applications, such as transmission of store and forward video, live video and video conferencing.
- For small teams who need to set up a temporary office with broadband connectivity from standard to various data applications.
- Corporate customers
- Government agencies
- Media
- Non Governmental Organizations

Applications

- Internet access – High speed Internet at speeds of up to 444 Kbps.
- Streaming – Select guaranteed quality of service up to 384 Kbps on demand for bandwidth hungry applications like video streaming.
- Remote Connectivity – Broadband access to your corporate network, for up-to-date and instant access to company and customer information.
- Email – Send and receive email via the Internet or other email applications.
- File transfer – Send and receive large files.

Benefits

Choice of multi performance options – Access your data applications with multiple performance options to suit your various operational requirements:

- “Standard” background IP service with bandwidth of up to 444 Kbps for Internet access, etc
- Dedicated streaming IP services ranging from 16 Kbps to 384 Kbps for bandwidth hungry applications like video streaming.
- Absolutely Portable – Exceptionally small in size (A5 size), ThurayaIP can be easily moved across locations and set up instantly.
- Highly Competitive – Offers the most attractive and competitive service with volume based charging via various bundling options and unlimited usage price plans.
- Robust – Conforms to IP 55 standard ingress protection standards; enabling outdoor installation in extreme weather conditions for extended periods of time.
- Unmatched Flexibility – Easy to use in both portable and semi-fixed environments. Instant LAN setup through multi-user support allows an entire team to share a single unit.
- Convenience– Simply connect ThurayaIP to a laptop, point to the satellite and enjoy satellite Broadband services.
- Stand Alone – Easy to setup and start working- no laptop or PC is required to navigate setup. An embedded button and LCD in the terminal guides you through the whole setup control.
- Complete security with GmPRS encryption algorithm (GEA2) - Connect seamlessly via your preferred VPN application.

Thuraya IP Technical Specifications

Physical Characteristics	
Weight	1.3 Kg terminal and battery
Size	158mm x 225mm x 50mm (A5 size)
IP Data Services	
Background class of service	Up to 444 Kbps over a shared channel
Streaming IP	Without External Antenna: 16, 32, 64, 128, 256 Kbps
	With External Antenna: 16, 32, 64, 128, 256, 384 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: -40 °C to +80 °C
Operating humidity	95% RH at 40 °C
Mechanical vibration	200-2000 Hz, 0.3 m ² /s ³
Unpacked Drop	0.5 m on Concrete Surface
Water and dust proofing	IP-55 standard
Power	
External Power	Mains power supply adapter, 100-240 V AC at 50 -60 Hz
Input Voltage	12 volt DC
Battery	
Battery Life	Up to 36 hours standby time
	1 hour of continuous transmission at the highest rate
Battery Type	Lithium-Ion
Battery Charge temperature	0 °C to +40 °C