



Thuraya IP

**THURAYA**   
stay close



More  
broadband,  
truly mobile

*At Thuraya, we are the leading provider of innovative, affordable, and high-quality satellite communication solutions for the worldwide broadband satellite market.*

A generation ahead in design and performance, Thuraya surges ahead in innovation and technology with each solution it introduces.

With Thuraya's high degree of flexibility and convenience, you can change the way you live and work.



Take your  
world  
wherever  
you go

*Engineered to provide broadband data communication at high speeds, Thuraya IP revolutionises the way you work.*

Thuraya IP is the world's first mobile satellite service to support 384 kbps Streaming IP, with connectivity of up to 444 kbps available on Standard IP. The TCP Accelerator for Thuraya IP delivers a faster, more seamless user experience when browsing the internet. It also reduces the number of TCP time outs, therefore optimizing productivity and performance, making remote connection to the internet as fast and convenient as if you were in the heart of the business district.

Now even the most remote locations will seem like the center of the city.





# A world of convenience

*The portable Thuraya IP satellite modem is a generation ahead in design and performance. Its ultra light weight and compact size enable convenient "always-on" broadband from even the remotest locations across more than 140 countries.*

With Thuraya IP, you can access multiple performance options to suit your various operational requirements. Enjoy 'Background' Standard IP services of up to 444 kbps or 'Dedicated' Streaming IP bandwidth ranging from 16 kbps to 384 kbps.

- Compact – A5 sized
- Lightweight – just 1.3 kg
- WLAN connectivity
- Plug and play
- Competitively priced
- USB interface
- Ethernet interface – RJ-45
- Robust – IP55





# A world of possibilities

*In business, connectivity to the corporate network is a crucial component for your day-to-day operations.*

So no matter where you are, with Thuraya IP, access to the corporate network is as easy as it gets.

Thuraya IP can be a useful tool for:

- Individuals requiring high-bandwidth applications
- Small teams setting up a temporary office
- Corporate customers
- Government agencies
- Media organisations
- Non-government organisations



# Features

- Broadband connectivity of up to 444 kbps
- Guaranteed quality of service of up to 384 kbps on demand for bandwidth-hungry applications
- Video streaming
- Video conferencing
- Intranet access (VPN)
- Email and messaging
- Send and receive large files
- E-commerce



Primary coverage area



Extended coverage area

*The map represents Thuraya's coverage area. Service availability within the extended coverage area may vary.*

Thuraya Coverage Area






# Product Information

<b>Physical Characteristics</b>	
Weight	1.3 kg terminal and battery
Size	158mm x 225mm x 50mm
<b>IP Data Services</b>	
Standard IP	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
<b>Tolerances</b>	
Opening Temperature	Running from external supply: -25° to +55° C
	Running from battery: 0° to +50° C
Storage Temperature	Including battery: -20° to +60° C
	Excluding battery: -40° to +80° C
Operating Humidity	95% RH at 40°
Mechanical Vibration	200-2000 Hz, 0.3 m <sup>2</sup> /s <sup>3</sup>
Unpacked Drop	0.5m on concrete surface
Water & Dust Proofing	IP55 standard
<b>Power</b>	
External Power	Main power supply adapter, 100-240 V AC at 50-60 Hz
Input Voltage	12 V DC
<b>Battery</b>	
Battery Life	Up to 36 hours standby time
	1 hour of continuous transmission at the highest rate
Battery Type	Lithium-Ion
Charging Temperature	0° to +40° C
<b>Interfaces</b>	
Connectors	Ethernet (RJ-45), USB
User Interface	Web-based graphical user interface accessible via standard web browser
External Antenna Connector	GPS, active and passive antenna
WLAN Connectivity	IEEE 802.11b standard with: <ul style="list-style-type: none"> <li>- WEP encryption</li> <li>- SSID broadcasting control</li> <li>- MAC address filtering</li> <li>- DHCP</li> </ul>

\* For best performance Thuraya recommends the use of an external antenna



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