

Thuraya IP

The most portable satellite broadband.

Designed to be small and powerful, Thuraya IP is a portable, plug and play system that provides a fast global connection.



Overview

Thuraya IP is the most reliable and rapidly-deployable satellite broadband solution that brings the internet to consumers in areas underserved by terrestrial systems. It delivers data transfer speeds of 444 kbps for standard connectivity and 384 kbps for guaranteed streaming.

Connecting to the web with Thuraya IP is simple. Pair your laptop by WiFi or using an Ethernet cable, power up the device, direct it at the satellite and enjoy high-speed connectivity from anywhere within our footprint of 140 countries in Europe, the Middle East, Africa and Asia without having to worry about the quality or availability of terrestrial networks. Thuraya IP allows you to browse the internet, send/ receive emails, download/ upload files, access corporate networks, hold video conferences or chat over VoIP solutions.

The small size and light weight of Thuraya IP means that it can be easily packed into hand luggage and taken to areas where terrestrial networks are unavailable, inadequate or non-existent. Because of its portability and performance, Thuraya IP is the satellite broadband solution of choice for individuals, oil and gas companies government organisations, media broadcasters, NGOs and consumers from other sectors.

Thuraya IP can be deployed as part of a humanitarian relief operation, an oil and gas exploration expedition, as part of a government deployment or to cover an unfolding news event.

Details

Manufacturer: • Thuraya

Network: • Thuraya

Device Type: • Terminal

Markets: • SCADA/ Telemetry
• Utility
• Mil
• Renewables

Highlights

- Smallest satellite broadband unit to support 444 kbps Standard IP and 384 kbps streaming
- A5 in Size
- Plug and play system with no additional software required
- WLAN capability for wireless connectivity to a single or group of laptops, smartphones, tablet devices or personal computers.
- The only broadband terminal in the world to support asymmetric streaming.
- A range of cost-effective data packages
- Supported by a robust, reliable satellite network with automatic dynamic resource allocation, ensuring congestion-free performance.

Technical Specs

Physical Characteristics and Tolerances:

Dimensions

- 158mm x 255mm x 50mm

Weight

- 1.3kg terminal and battery

Temperature

- Operating - external power supply: -25 to +55°C
- Operating - running from battery: 0 to +50°C
- Storage - including battery: -20 to +60°C
- Storage - excluding battery: -40 to +80°C
- Operating humidity: 95% RH at +40°C
- Mechanical Vibration: 200- 2,000 Hz, 0.3m²/s³
- Unpacked drop: 0.5m on concrete
- Water and dust: IP55 standard

Power:

- External Power: Main supply adaptor, 100-240 V AC at 50- 60 Hz
- Input Voltage: 12 V DC

Battery:

- 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

Interfaces:

- Connectors: Ethernet (RJ-45), USB
- User Interface: Web based GUI accessible via standard browser
- External Antenna: GPS, active and passive antenna

WLAN Connectivity:

IEEE 802.11b standard with:

- Web Encryption
- SSID broadcasting control
- MAC Address filtering