cygnus.

Thuraya IP+

Light, Speed. Everywhere.

This is Thuraya IP+

An especially affordable satellite broadband terminal that's improving emergency management with its high-speed IP capabilities. The Thuraya IP+ can be deployed from backpack to broadband in a matter of seconds, providing emergency teams with the communication accessibility required during evacuations and other time-critical operations.

The Thuraya IP+ provides relief workers with the flexibility of asymmetric streaming and the ability to set up anywhere, from multiple points, ensuring your humanitarian efforts are fail-proof, no matter where you are, or how tough the conditions may be. Its rugged design makes it highly durable against the harshest of environments, including dirt, dust, water, and oil, ensuring ongoing critical connectivity won't be disrupted for aid workers and the communities they serve.

Product Features

Compact and lightweight
Weighing only 1.4kg and smaller than the size of a regular laptop, Thuraya IP+ is one of the most compact and portable satellite broadband terminals available in the market.

High-speed streaming capabilities
With speeds of up to 444kbps on standard IP and 384kbps on streaming IP with an integrated antenna, Thuraya IP+ provides the fastest IP speeds for a satellite broadband terminal of its size — ready for connection in any location covered under Thuraya's reliable satellite network.
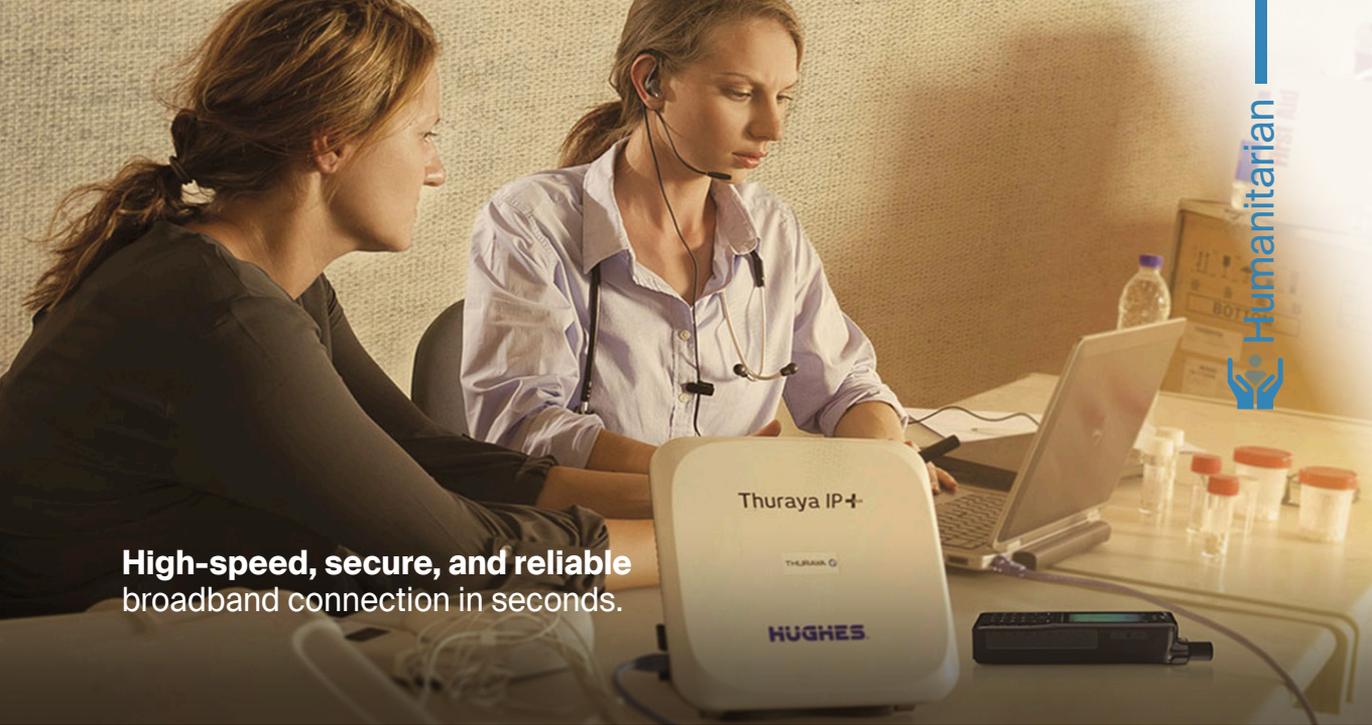
Optimized bandwidth usage
Thuraya IP+ can be configured with asymmetric streaming to allow users to set upload and download speeds based on usage requirements, helping to significantly reduce bandwidth costs.

Durable and dependable
Thuraya IP+ holds an IP55 Ingress Protection Rating and is built to provide protection from dirt, dust, water, oil, and other non-corrosive materials to withstand the harshest of environments.

High-speed, secure, and reliable
broadband connection in seconds.

Product 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

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

THURAYA
Service Partner