

DESIGNED FOR EFFICIENT
EMERGENCY RESPONSE



FOR CUSTOMER CARE QUERIES, PLEASE WRITE TO THE CUSTOMER CARE CENTER: CUSTOMER.CARE@THURAYA.COM
DIAL 100 FROM A THURAYA PHONE, OR +88216 100 100 FROM OTHER NETWORKS.
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THURAYA
RELIEFCOMMS 

An aerial photograph showing a large fire burning in a green forest. Thick, billowing white and grey smoke rises from the fire, dominating the right side of the frame. The fire itself is visible as a bright orange and yellow line at the bottom of the smoke plume. The surrounding forest is a dense green. A black rectangular box is overlaid on the bottom right of the image, containing white text.

THURAYA IP, RELIABLE, INSTANT CONNECTIVITY



In any kind of emergency situation, time matters most. Thuraya IP can be deployed in seconds quickly connecting your team in the field to headquarters. Supported by a robust, congestion-free network, Thuraya IP provides a reliable and effective communications solution. When crucial operational coordination lies at the heart of your mission and information transmission is critical for success, Thuraya IP provides a vital lifeline.

Connect in seconds... Requiring no additional software to set-up, and featuring easy network acquisition, Thuraya IP gives you instant broadband accessibility for all types of NGO operational setup. Simply power up the terminal, connect your laptop, iPad or other communication device, by WiFi or Ethernet cable, direct the terminal at the satellite and experience high-speed connectivity from anywhere across 140 countries throughout Europe, Africa, the Middle East, Asia and Australia.

Thuraya IP enables a host of functionalities: internet browsing, sending/receiving emails, download/upload files, accessibility to corporate networks, video conferencing or communications via VoIP. When duty calls, whether for emergency situations, relief and rescue, vaccination campaigns, local surveys, refugee management, national and local elections or providing widespread medical assistance, Thuraya IP increases your efficiency through availability of time-critical data and information exchange.

Designed for emergency and relief operations... With amazing capabilities such as the facility to turn this compact device into a powerful data hub allowing multiple users to share the device and Thuraya's add-on netted communications (NettedComms) option which integrates different communications technologies into a single closed user group, Thuraya IP is ideal in emergency situations. NettedComms allows the interconnection of individuals using different communication devices such as Thuraya IP, Thuraya handheld phones, public switch telephone networks, GSM and radio systems making it easy for the group to interact with one another in a secure, closed user group. Thuraya IP is a globally tried, tested and trusted solution for vital and time-critical relief and rescue activities carried out by NGOs.

Perfectly portable... A5 sized and weighing a mere 1.3 kgs, Thuraya IP can be easily packed into hand luggage and taken to any areas where terrestrial networks are unavailable, inadequate or non-existent. Thuraya IP can be deployed as part of a humanitarian relief operation, a government deployment, or to manage any kind of emergency, as well as relief operations and activities, whether the user is stationary or on the move. When combined with Thuraya's vehicular antenna, connectivity is provided even when travelling by car, truck or van at speeds of about 100 mph. And with an impressive portfolio of antennas designed for varied operational scenarios including but not limited to indoor and outdoor use, Thuraya IP is the most flexible mobile data solution available, which is why Thuraya IP is the satellite broadband solution of choice for individuals, relief organisations and NGOs.

A yellow and red helicopter is shown in flight against a hazy, orange-tinted sky. The helicopter is viewed from a low angle, showing its main rotor blades and tail. The text 'THURAYA IP'S BENEFITS FOR NGOS' is overlaid in white on a dark horizontal band at the bottom left.

THURAYA IP'S BENEFITS FOR NGOS

- Reliable network providing quality communications – the Thuraya network dynamically allocates power which translates into more capacity where needed, ensuring uninterrupted and congestion-free communications
- Quick to deploy and use terminal – instant network acquisition, easy to install and use – set up a mobile office in seconds
- Flexible asymmetric uplink/downlink bandwidth speeds; cost-effective – pay only for the bandwidth you use
- Range of pricing plans from fixed fee, to on-demand, unlimited and Thuraya Shareplan
- Thuraya Shareplan offers scalable packages starting at 20 sim cards and offers the flexibility to share airtime allocation between Thuraya voice and data devices
- Ultra-portable A5 size - 1.3 kgs with battery – easily slips into a rucksack
- World's fastest and smallest modem to support a guaranteed rate of 384 kbps Streaming IP and 444 kbps Standard IP
- Support for different external antennas to suit requirements – mounts on any vehicle
- Simultaneous voice and data applications
- Availability of solar chargers to meet any electrical power requirements in remote areas



THURAYA IP, A VITAL LIFELINE DURING EMERGENCIES



CONVENIENT SIZE

Designed to be small yet powerful, Thuraya IP is highly portable. A5 in size, it is smaller than a notebook, weighing only 1.3 kgs. Thuraya IP can be easily stored, transported, and being a plug-and-play system that requires no additional software, it is immediately ready for connection anywhere under the Thuraya coverage network.

INDUSTRY LEADING DATA RATES

Engineered to provide satellite mobile broadband data communication at high speeds, Thuraya IP transforms the way the humanitarian and infrastructure development projects are coordinated and managed in remote locations and communities. 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.

Performance is further enhanced with Performance Enhancing Proxy (PEP) for Thuraya IP which can reduce the download time for a website by 80%. PEP for Thuraya IP accelerates HTTP, FTP POP3 and VPNs, delivering improved consumer experience and greater cost savings.

COST-EFFECTIVE DATA SOLUTION

Thuraya IP carries a range of pricing packages tailored to NGOs and relief organisations. From unlimited data plans, to zero monthly fee packages, to on-demand consumption, and Thuraya's Shareplan which offers organisations the flexibility to share their airtime allowance across various Thuraya voice and data devices, you will find our pricing packages deliver the value required for your unique mission-critical connectivity needs. Whether you are a casual user who uses the service infrequently, a heavy user who requires flexibility, or a frequent user who is looking for a predictable monthly airtime cost, we have an appropriate data plan for you.

Asymmetric Streaming allows you to set upload and download speeds at different rates dependent upon your usage requirements, therefore you only pay for what you consume. Thuraya IP is the only mobile satellite terminal in the world to offer this feature, which delivers significant cost savings of up to 40%.

The strength and capacity of our network also allows us to offer packages for those users who wish to consume large volumes of data transfer, and who want to know they can connect to the network even when many other users are connected from the same area.

THURAYA IP AS A FORWARD BASE CAMP

First response can mean the difference between life and death during any type of emergency situation when communication links are usually disrupted. To emergency relief workers, communication is essential in accurately assessing the scale of the emergency and to ascertain where and how relief operations can be initialised. Thuraya IP is a platform where the user can employ a multitude of applications to perform complex data transactions from remote locations. Its WLAN connectivity and compatibility with other communication platforms can turn Thuraya IP into a powerful data hub and allow multiple users to share the device.



THURAYA'S POWERFUL NETWORK
BRINGS EFFECTIVE DISASTER MANAGEMENT TO YOU



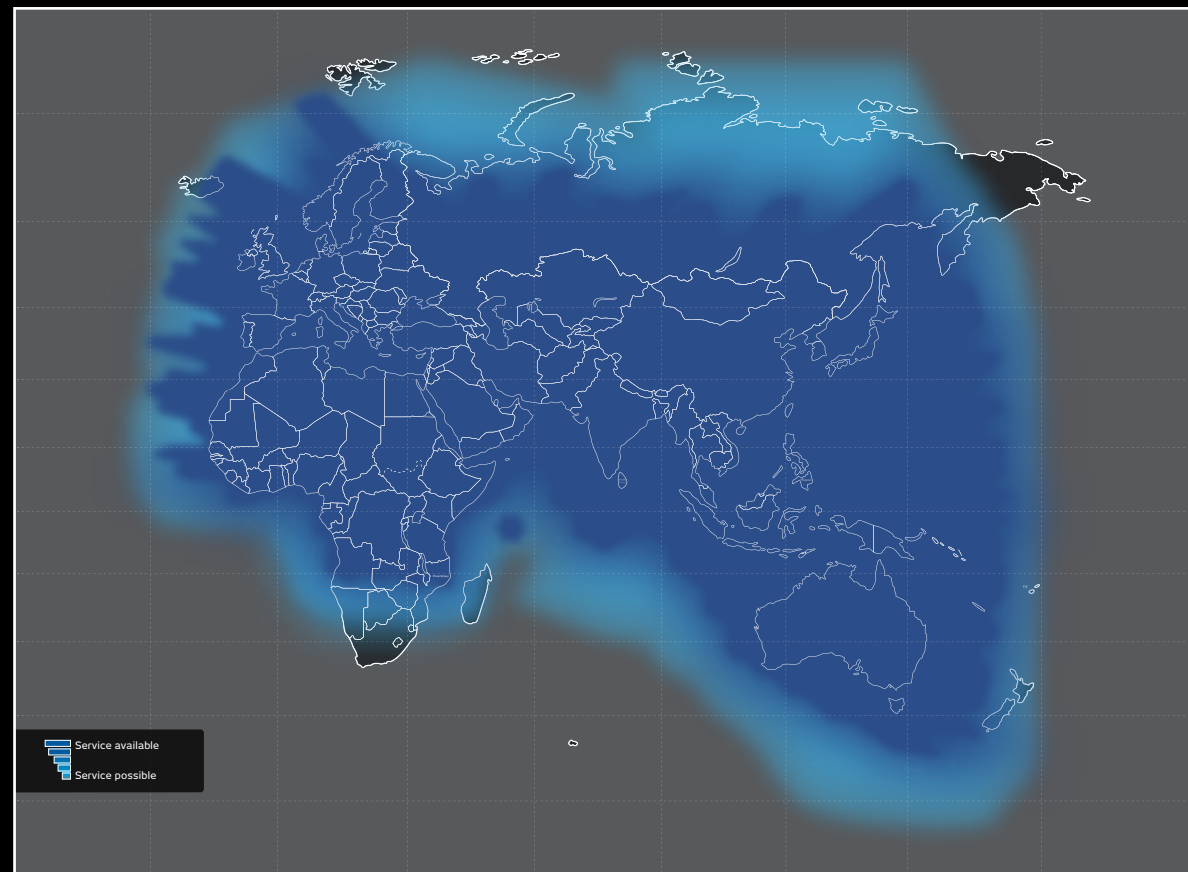
Thuraya IP is a powerful, reliable satellite data platform that brings relief operations closer to you. Thuraya IP broadband services are delivered from anywhere under the coverage area over a state-of-the-art satellite network covering 140 countries in Europe, Africa, Middle East, Asia and Australia. During 2010 and 2011, there were 36 major natural disasters around the world, of which the vast majority occurred under Thuraya's coverage area. Thuraya's high capacity robust network provided life-saving, on-the-ground communications support that allowed humanitarian organisations to effectively manage and coordinate relief activities during the disasters.



Thuraya's network has the added advantage and flexibility to support more users in any particular hotspot, it automatically re-allocates network resource to any single spot beam, allowing more Thuraya IP users to enjoy vital, uninterrupted data services. During any type of emergency situations where there is high demand for network resource in a single location, Thuraya is able to deliver sufficient and reliable connections to first response relief units and disaster management organisations. Those are not times when you can afford network congestion and long-setup times.



THURAYA COVERAGE AREA



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

FEATURES

- 384 kbps Streaming IP and 444 kbps Standard IP
- Flexible pricing packages
- Network flexibly allocated bandwidth – reduces contention, ensures uninterrupted and congestion-free communications
- Flexible uplink/downlink bandwidth speeds; cost effective – pay only for the bandwidth you use
- Ultra-portable A5 size – 1.3 kgs with battery – mounts on any vehicle
- Supports military grade encryption and VAS solutions
- Developed and tested to exceed operational requirements
- Simultaneous voice and data applications

**256 kbps without an external antenna, 384 kbps with a small external antenna that measures A4 and weighs 1.55kgs, or a flat antenna that weighs less than 1kg.*

APPLICATIONS & SPECIFICATIONS


PHYSICAL CHARACTERISTICS:	Weight: 1.3 kg terminal and battery Size: 158mm x 225mm x 50mm
IP DATA SERVICES:	
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
TOLERANCES:	
OPERATING 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 m2/s3
UNPACKED DROP	0.5m on concrete surface
WATER & DUST PROOFING	IP55 standard
POWER:	
EXTERNAL POWER	Main power supply adapter: 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 graphical user interface accessible via standard web browser
EXTERNAL ANTENNA	GPS, active and passive antenna
WLAN CONNECTIVITY	IEEE 802.11b standard with: - WEP encryption - SSID broadcasting control - MAC address filtering





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



Power Supply



USB Interface



RJ45 Interface



Passive Antenna Connector



Active Antenna Connector



Compass



Protractor



WLAN Connectivity



Battery



Asymmetric



GPS



Congestion Free



Low Latency



A5 Size Terminal



Light Weight


Plug-and-Play


GPS Indicator


Display Bar


Navigation Buttons


Signal Strength Bar