



# IP NEO

## REVOLUTIONIZING CONNECTIVITY WITH CUTTING-EDGE SATELLITE TECHNOLOGY

In a world of instant communication, where speed is paramount and essential, emerges a new revolutionary way to connect: IP NEO.

Based on the renowned and robust Cobham hardware platform, the IP NEO is primed for next-gen capabilities, ensuring a higher throughput that is ideal for 3rd party applications such as VoIP and video conferencing solutions. It also includes a Wi-Fi hotspot to connect easily from any device to satellite.

Government agencies, NGOs, and relief organizations, explorers, trekkers, climbers and remote-area adventure seekers can use IP NEO to ensure reliable communication even in the most challenging environments.

IP NEO will empower industries by enabling efficient operations and real-time monitoring, no matter where they are.

Healthcare providers, e-learning specialists, and media professionals can leverage IP NEO to break barriers, bringing essential services, education, and news coverage to every corner of the globe.

Be a part of the revolution in empowering industries and transforming lives.

**Where there's a need, there's IP NEO.**

# Features

## High-performing, portable terminal for the Thuraya Satellite Network

### Ideal combination of size and performance

- Portable and battery-operated. Weighs only 2.2 kg
- High-quality internet access

### Robust and durable satellite terminal fit for purpose

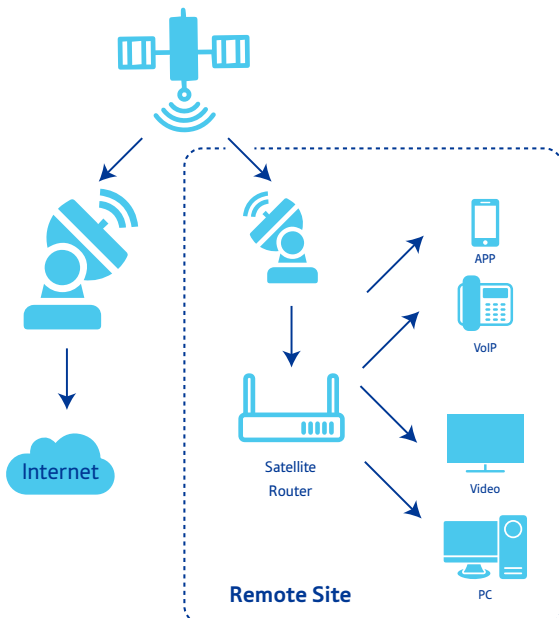
- IP55-rated magnesium casing with screw-on connectors.
- Easy to point, set up and operate. From backpack to internet in seconds including Wi-Fi to any device

### Versatile and user-friendly

- Easy access from smart devices with Thuraya Connect App (Available on Google Play and iOS App Store)
- IP Handset POE port
- LAN Port
- Pole mount or Tabletop Stand options

### Supported applications

- ISR, C2, IoT / M2M, Security and perimeter monitoring and control, Remote office, Video conferencing and Video transmission, eLearning, Telemedicine



# Technical specifications

## Physical Characteristics

**Weight** 2.2 kg (terminal and battery)

**Size** 225mm x 225mm x 61mm

## Packet Data Services\*

**Streaming IP** 384 kbps

**Standard IP** 444 kbps

## Tolerances

**Operating Temperature** -20°C to +55°C

**Storage Temperature** -20°C to +50°C

**Operating Humidity** 95% RH at 40°C

**Mechanical Vibration** 200-2000 Hz, 0.3 m 2/s3

**Ingress Protection** IP55 Standard

**Compliances and Certifications** CE, FCC, RCM, UL

## Power

**Main power supply adapter** 100-240 VAC 50-60Hz

19 VDC, 4.74 amps

**Terminal DC Voltage Input** Nominal 12 to 24 VDC

## Internal Battery

**Battery Life** >14 Hours Standby

~4 Hours usage

**Battery Type** Lithium-Ion 10.8V 6.9Ah

## Interfaces

**Connectors** Ethernet (RJ-45)

**User Interface** Web interface via web browser

Thuraya Connect App

**WLAN Connectivity** IEEE 802.11 b/g/n/ac

## Antenna

Built-in L-Band Patch Array

## GNSS

GPS, GLONASS, Galileo and Beidou

\*Thuraya 4 Compatible: The IP NEO is future ready. Once the Thuraya-4 Next Generation System is commercially ready, with a simple firmware upgrade the IP NEO will enable enhanced throughput speed as well as additional features and functionality including the following:

- Standard/ Streaming IP up to 1 Mbps
- Simultaneous voice (VoLTE) and data
- Remote Terminal Management (RTM)