

THURAYA

SPACE 42

IP NEO C



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, Oil and Gas companies, 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.

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

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HIGH-SPEED, ULTRA-PORTABLE SATELLITE TERMINAL

SPECIFICATIONS

Dimensions (H/W/D):	225 / 225 / 61.5 mm
Weight (incl. battery):	2.2 kg
Data Capabilities (Thuraya 4-NGS satellite):	
> 5° elevation:	Up to 1024 kbps (Rx / Tx)
Data Capabilities (Thuraya 2 / Thuraya 3 satellites):	
> 5° elevation:	Up to 444 kbps (Rx / TX)
Voice	
Voice (Thuraya 4-NGS):	Standard VoIP, Embedded SIP Server
Thuraya Frequencies:	
Tx (MHz)	1626.5 - 1660.5
Rx (MHz)	1525.0 - 1559.0
GNSS:	GPS, Galileo, Beidou, Glonass
Languages:	ENG, AR, FR, POR, ES, RU, JP, CN
Approvals:	CE, RED, RoHS, WEEE, FCC, UL, RCM Thuraya Type Approval

POWER

DC input range :	12 - 24 VDC (max. 10.8 - 33.6 VDC)
PoE input:	PoE (802.3bt Type 3 Class 6 via RJ45)
PoE output:	PoE (802.3at Type 1 Class 2 via RJ45)
Power consumption	
Standby / transmit:	4.5W / 22W (typical)
During charging:	75W (max.)
AC/DC power supply	
Input:	100-240 VAC, 47-63Hz, 64W
Output:	19 VDC
Built-in Battery:	Lithium ion (rechargeable)
Nom. voltage / capacity:	10.8 V / 6.9 Ah
Stand-by time:	Up to 38 hours
Receive:	Up to 4 hours @ 1024 Kbps
Transmit:	Up to 2 hours @ 1024 Kbps
Recharge time:	< 3 hours (0-100%)
Charge temperature:	0°C to 45°C

* On Thuraya 4-NGS

ENVIRONMENTAL CONDITIONS

Temperature	
Operational (ambient):	-21°C to +55°C
Storage:	-21°C to +50°C
Water and dust:	IP55 Compliant

INTERFACES

WLAN Access Point	802.11 b/g/n/ac
2 x Ethernet Ports:	1 x RJ45 (PoE input for ext. power) 1 x RJ45 (PoE output IP Handset)
User interface:	2 x LED (Status and WLAN), Power Button, Reset Button, Web Interface

OTHER FEATURES

Thuraya Connect App (Available for Android / IOS)
Control your IP NEO with your Smartphone.

Set-up and Router Functionality:

Webserver, NAT Router, Admin control (password protected), DHCP, Network Management, Remote Management, PPPoE

PACKAGE

- IP NEO C Terminal with embedded Lithium-Ion Battery
- AC/DC Power Supply, Euro Power Cord, EU to UK Converter
- Quick Start Guide
- Ethernet Cable

