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Thuraya IP NEO C

Ultra Portable High Speed Satellite Terminal

High Speed Connectivity Anywhere

Revolutionize remote communication with the Thuraya IP NEO, a powerful high speed terminal engineered for mobility, performance, and simplicity. Designed to deliver broadband connectivity wherever conventional networks fail, IP NEO empowers teams in the field, on the move, and off the grid. Whether supporting a humanitarian mission, a government operation, or an oilfield deployment, this compact powerhouse ensures reliable data and voice services even in the toughest environments.

Built on Cobham's trusted hardware platform and running on the Thuraya 4NGS network, IP NEO delivers real time communication capabilities including VoIP, video conferencing, ISR, and M2M data exchange. It is compact enough to carry in a backpack yet powerful enough to enable entire teams to stay online and operational from anywhere on the planet.

Mobility meets simplicity without compromise

IP NEO is designed for fast deployment and easy management. Weighing just 2.2 kg, it is battery powered, IP55 rated, and comes with built in Wi Fi and flexible power options. From e learning to telemedicine, from disaster response to industrial IoT, Thuraya IP NEO breaks communication barriers and redefines what is possible for portable satellite connectivity.

Wherever the mission goes, IP NEO follows with speed, reliability, and control.

Product Features

High Speed Satellite Connectivity
Delivers up to 1024 kbps download and upload over the Thuraya 4NGS network for seamless real time applications..

Built for On the Go Operations
Ultra portable design with a total weight of 2.2 kg, built in battery, and IP55 rating for rugged mobility.

Wi Fi Enabled
Integrated 802.11 b g n ac access point allows multiple devices to connect directly to the terminal.

Smart Control with Thuraya Connect App
Manage the device through a smartphone with the Thuraya Connect App, available on Android and iOS.

VoIP Ready
Supports standard VoIP with embedded SIP server and PoE port for external IP handset connection.

Flexible Power Options
Runs on internal battery, DC input, or PoE input for ultimate field flexibility. Offers up to 38 hours standby.

Versatile Mounting
Comes with options for tabletop use or pole mounting based on operational needs.

Portable Satellite Internet Solution

Supports Critical Applications
Ideal for ISR, M2M, remote offices, perimeter security, telemedicine, and video transmission.

User Centric Interface
Features LED indicators, power and reset buttons, and a secure web interface for configuration and diagnostics.

Product Specifications

Dimensions	225 / 225 / 61.5 mm (H/W/D)
Weight	2.2 kg (incl. battery)
Data Capabilities	(Thuraya 4-NGS satellite) > 5° elevation: Up to 1024 kbps (Rx / Tx)
	(Thuraya 2 / Thuraya 3 satellites) > 5° elevation: Up to 444 kbps (Rx / TX)
Voice	Voice (Thuraya 4-NGS): Standard VoIP, Embedded SIP ServerX)
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
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

Power	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

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