



THURAYA IP NEO

ULTRA-PORTABLE SATELLITE TERMINAL

Leveraging the cutting-edge Thuraya satellite network, Thuraya IP NEO is a high-performance ultra-portable terminal that delivers exceptional connectivity even in the harshest environmental conditions. Featuring a built-in battery that recharges in less than 3 hours, this state-of-the-art satellite terminal can be quickly set-up to provide any smart device with access to the internet within seconds. Future-ready and primed for next-generation capabilities, it is ideal for third-party applications such as videoconferencing and VoIP. With BeiDou, Glonass, Galileo, and GPS as well as WiFi hotspot functionalities, Thuraya IP NEO is the perfect communications device supported over the robust Cobham hardware platform. Thuraya IP NEO is ideal for the rapidly evolving field requirements of government agencies, relief operations, remote-area adventurers, enterprises, e-learning solutions, healthcare professionals, and the media industry.

FEATURES



Speed
1 Mbps+ on T4-NGS



Ultra-portable



Easy to point
and set-up



WiFi
hotspot



Thuraya
Connect App



Battery
operated

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Weight: 2.2 kg

Dimensions: 225 x 225 x 61.5 mm

DATA CAPABILITIES

Thuraya 4-NGS satellite: > 5° elevation;
up to 1024 kbps (Rx /Tx)

Thuraya 2 satellite: > 5° elevation;
up to 444 kbps (Rx /TX)

VOICE CAPABILITIES

Thuraya 4-NGS satellite: Standard VoIP,
Embedded SIP Server

FREQUENCIES

Tx (MHz) 1626.5 - 1660.5

Rx (MHz) 1525.0 - 1559.0

SAFETY FEATURES

GNSS: GPS, Galileo, BeiDou, Glonass

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: 4.5W / 22W (typical)

- Charging: 75W (max.)

Power Supply:

- Input: 100-240 VAC, 47-63Hz, 64W

- Output: 19 VDC

BATTERY (BUILT-IN)

Type: Lithium ion (rechargeable)

Voltage / Capacity: 10.8 V / 6.9 Ah

Standby Time: Up to 38 hours

Receive: Up to 4 hours

Transmit: Up to 2 hours

Recharge Time: < 3 hours (0-100%)

Charge Temperature: 0°C to 45°C

ENVIRONMENTAL CONDITIONS

Temperature:

- Operational: -21°C to +55°C

- Storage: -21°C to +50°C

Water & Dust: IP55

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

IN THE BOX

IP NEO Terminal with embedded

Lithium-Ion Battery

AC/DC Power Supply

Euro Power Cord

EU to UK Converter

Quick Start Guide

Ethernet Cable

USE CASES

FIRST RESPONDERS

Empower first responders with an easy-to-set-up terminal that delivers quick connectivity. Enable efficient group communications, automated alerts, and patrol functionality in conjunction with the Traksat PTT platform.

HUMANITARIAN

Expand your digital operations. In T4 mode, Thuraya IP NEO supports a broad spectrum of corporate applications. To ensure business continuity in T2 mode, IEC Telecom offers a range of optimised services – including videoconferencing and telemedicine, operating under 100 Mbps.

ADVENTURE

Enjoy high-quality satellite coverage over a battery-operated terminal that doubles as a WiFi hotspot. Make clear video calls and access VoIP services no matter the environmental conditions.