



IPNEOC

ULTRA-PORTABLE L-BAND BROADBAND TERMINAL

Secure connectivity in seconds: quick-start design delivers an immediate, reliable link when timing matters.

Built for any environment: IP-rated, MIL-tested hardware shrugs off dust, rain, heat, vibration, and salt fog.

Simple to deploy and run: intuitive setup, PoE cabling, and a clean web/app UI keep operations effortless.



IP NEO C

Specifications

Dimensions (H/W/D): 225 / 225 / 61.5 mm

Weight (incl. battery): 2.1 KG

Data Capabilities

> 5° elevation: Up to 1024 kbps (Rx / Tx)

Voice: Standard VoIP
Embedded SIP Server
PPT Push-To-Talk

Frequency Range:

Tx (MHz) 1626.5 - 1660.5 and 1668 - 1675
Rx (MHz) 1518.0 - 1559.0

GNSS: GPS, Galileo, Beidou, Glonass

Languages: EN, AR, FR, PR, ES, RU, JP, CN

Approval: 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 5 hours @ 1024 Kbps

Transmit: Up to 3 hours @ 1024 Kbps

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

Charge temperature: 0°C to 45°C

Environmental conditions

Temperature

Operational: -21°C to +55°C (ambient)
Storage: -21°C to +50°C

Water and dust: IP55 Compliant

Interfaces

WLAN Access Point: 802.11 b/g/n/ac

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

Space42 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

Accessories

- 408050A-009: 12/24V DC cable, 3m open-ended
- 403650B-923: Pole Mount
- 408020A-941: PoE cable with screw connectors, 4m
- 408020A-943: PoE cable with screw connectors, 5m
- 408012A-42000: Space42 IP Handset
- 408050A-42000: Space42 Mobile Gateway NEO C

