



VOYAGER NEO

ENHANCED VOIP AND PUSH-TO-TALK FUNCTIONALITIES

Next-generation mobility – delivers seamless, high-speed data communication on the move, whether by road, rail, or in the field.

Instantly deployable – transforms any vehicle into a mobile communication hub within minutes, keeping missions connected anywhere.

Unshakable reliability – rugged, compact, and built without moving parts, ensuring dependable performance even in the harshest environments.

THURAYA VOYAGER NEO

Specifications

Dimensions:

Height: 9.7 cm (without spacers)
Width: Ø 32.1 cm

Weight: 4.8 kg

Data Capabilities (Thuraya Connect App):

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

Data Capabilities:

> 5° elevation: Up to 444 kbps (Rx / TX)

Voice Standard VoIP
Embedded SIP Server

Frequency Range:

Tx (MHz) 1626.5 - 1660.5
Rx (MHz) 1525.0 - 1559.0

Frequency Range: GPS, Galileo, Beidou, Glonassr

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

Approval: CE, RED, RoHS, WEEE,
FCC, UL, RCM
Thuraya Type Approval

Environmental conditions

Temperature

Operational (ambient): -25°C to +55°C
Storage: -40°C to +85°C

Water and dust: IP68

Relative humidity: MIL-STD-810G, Test method 507.6

EMI/EMC: EN 01-301489, EN 17-301489,
EN 19-301489

Power

DC input range: 12 - 24 VDC (Max. 10.8 to 32 VDC)

Power (max): 70W (@10.5 - 32V)

Interfaces

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

Ethernet: 10 / 100 / 1000 Mbps

Combined DC power and Ethernet connector:

Combined connector providing DC power input, ignition and Ethernet (PoE 802.3bt Type 3) connectivity. Hybrid cable wiring: Power 2, Ignition 1, Ethernet 1 + 4 (shield)

User interface:

One LED (Status), Web Interface, Reset Button, SIM card connector

Other features

Thuraya Connect App:

Turns a Smartphone into a Satphone.
Available for Android / IOS.

Set-up and Router Functionality:

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

Package

- Thuraya Voyager NEO Terminal with 3 cm spacers
- Quick Start Guide
- 6m hybrid DC power and Ethernet cable (open ended)
- 1 cm spacers

Accessories

- 403723B-009: Magnetic Mount kit
- 403706B-050: Connection Box
- 408030A-931: Hybrid DC / Ethernet cable, 6m open-ended
- 408030A-941: PoE connection cable (Cat6A), 6m open ended
- 408030A-945: PoE connection cable (Cat6A), 25m open ended
- 408030A-948: PoE connection cable (Cat6A), 50m open ended

Voyager NEO Antenna Dimensions

