



THURAYA VOYAGER NEO

Where Mobility Meets Mission-Critical Connectivity

A New Standard for Mobile Satellite Communications

Thuraya Voyager NEO is a next-generation on the-move satellite broadband terminal designed for vehicles operating beyond terrestrial network coverage. Powered by the Thuraya-4 satellite, it delivers consistent IP connectivity with up to 1024 kbps throughput, enabling real-time communications wherever missions take you.

Built for Performance on the Move

Engineered for continuous mobility, Voyager NEO maintains broadband connectivity while vehicles are in motion across challenging terrain. Its compact, solid-state, low-profile dome ensures reliable operation without mechanical tracking, making it ideal for long-duration deployments and mission-critical operations.

Your Communication Backbone Anywhere

From convoy coordination and fleet telemetry to humanitarian logistics and emergency response, Voyager NEO ensures uninterrupted voice and data connectivity. With integrated routing, Wi-Fi access, VoIP, and Push-to-Talk, it delivers an all-in-one communication solution for mobile teams operating in the most demanding environments.

Product Features



On-the-Move Broadband Connectivity

Delivers seamless L-band satellite broadband while in motion, ensuring continuous voice and data connectivity across road, rail, and off-road environments.



Powered by Thuraya-4

Leverages next-generation satellite capacity to deliver up to 1024 kbps Rx/Tx with stable performance at low elevation angles.



Instant Vehicle Deployment

Transforms any vehicle into a mobile communication hub within minutes using vehicle-ready mounting and power options.



Integrated Communications Hub

Combines IP data, embedded VoIP/SIP, Wi-Fi access point, and routing in a single compact terminal.



Rugged & Solid-State Design

Low-profile, no moving parts, built to withstand vibration, dust, rain, heat, and salt in extreme operating conditions.



Enhanced VoIP & Push-to-Talk

Supports professional voice services including VoIP and Push-to-Talk for coordinated team communications.



Reliable in Harsh Environments

IP68-rated with wide operating temperature range and military-standard environmental compliance.



Global Regional Coverage

Designed for operations across Europe, MENA, Africa, and Central Asia using GEO L-band continuity.

Product Specifications

Dimensions	Height: 9.7 cm (without spacers) Width: Ø 32.1 cm
Weight	4.8 kg
Data Capabilities	> 5° elevation: Up to 1024 kbps (Rx / Tx)
Voice	<ul style="list-style-type: none"> Standard VoIP Embedded SIP Server PTT with Mobile Gateway Neo
Frequency Range	Tx: 1626.5 - 1660.5 and 1668 - 1675 (MHz) Rx: 1518.0 - 1559.0 (MHz)
Frequency Range	GPS, Galileo, Beidou, Glonassr
Languages	EN, AR, FR, DE, ES, RU, JP, CN
Approvals	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.
	User interface One LED (Status), Web Interface, Reset Button, SIM card connector
Other features	Space42 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	<ul style="list-style-type: none"> Thuraya Voyager NEO Terminal with 3 cm spacers Quick Start Guide 6m hybrid DC power and Ethernet cable (open-ended)
Accessories	<ul style="list-style-type: none"> 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