



MOBILE GATEWAY CNEO

ENHANCED VOIP AND PUSH-TO-TALK FUNCTIONALITIES

Transforms connectivity – turns any NEO satellite terminal into a multi-user communications hub with advanced voice, data, and PTT capabilities.

Mission-critical reliability – rugged, secure, and optimized for satellite conditions, ensuring seamless operations across land, sea, and mobile environments.

Advanced intelligence built-in – powered by a high-performance platform supporting encryption, video compression, and smart applications for demanding missions.

MOBILE GATEWAY C NEO



- A ruggedized satellite router with advanced PTT and VoIP capabilities
- Turns a NEO L-band satellite antenna into a multi-user device
- Voice-over-IP technologies optimized for use under satellite link conditions
- Works seamlessly with the IP NEO C (Portable/Fixed), Voyager NEO (Land Mobile), and the Orion NEO (Maritime) satellite terminals
- Robust IP68 rating with durable screw connectors

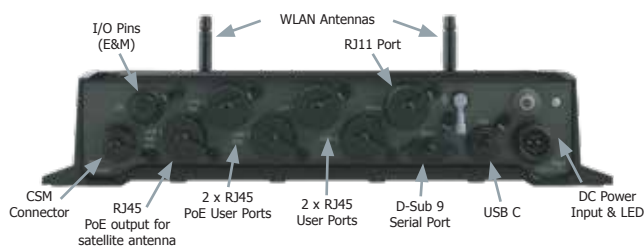
Advanced router functionalities

The Mobile Gateway C NEO is an advanced IP-based data communications device. It is based on a powerful ARM processor and an open source Linux platform supporting a variety of software applications such as video compression, 3rd party encryption, email clients etc.

Mobile Gateway C NEO features Cobham Satcom's unique PRISM PTT+ technology supporting satellite/LTE/LAN and Maritime / Land Mobile Radio integration.

The Mobile Gateway comes in two variants: A sand colored Land Mobile version and a dark grey Maritime version (Below Deck Unit).

Router:	NAT Router, DHCP, PPPoE, SIP Server, Network Mgmt, Remote Mgmt, Webserver
Security:	256-bit AES, Password Protected Admin Control, Over-the-air Factory Reset.
IP	Supports IP, TCP and UDP (IPv4 and IPv6)



Specifications

Dimensions:	65 / 166 / 326 mm (H/D/W)
Weight:	2.7 kg
Languages:	EN, AR, FR, DE, ES, RU, JP, CN

Power

DC input range:	12 or 24 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:	Max. 172W with all outputs loaded

Environmental conditions

Temperature

Operational (ambient):	-21 to +55°C
Storage:	-40°C to +85°C

Water and dust:	IP55 Compliant
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Interfaces

WLAN Access Point:	802.11 b/g/n/ac
5x Ethernet Ports:	2 x RJ45 (PoE 802.3AT Type 1) (Power & Connection - e.g. IP Handset) 2 x RJ45 (Standard LAN) 1 x RJ45 (PoE 802.3BT Type 3) (Power & Connection - satellite terminal)
USB Port:	USB 3.0
Phone Connector:	RJ11
Serial Connector:	D-Sub 9
I/O Connector:	4 Pins (for E&M)
User interface:	1 LED (Status), Power Button



Optional: IP Handset