

Mobile Gateway C NEO

The perfect companion for NEO terminals

COBHAM SATCOM



Mobile Gateway C NEO including the optional Space42 IP Handset

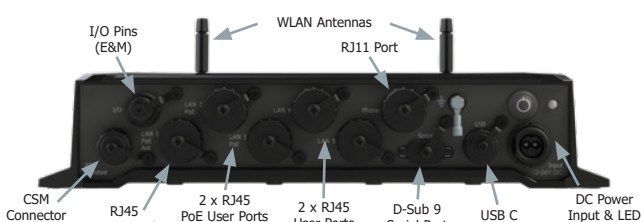
- A ruggedized satellite router with advanced PTT and VoIP capabilities
- Turns a NEO L-band satellite antenna into a multi-user device
- Voice-over-IP technologies optimized for use under satellite link conditions
- Works seamlessly with the IP NEO C (Portable/Fixed), Voyager NEO (Land Mobile), and the Orion NEO (Maritime) satellite terminals
- Robust IP55 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.

Router:	NAT Router, DHCP, PPPoE, SIP Server, Network Mgmt, Remote Mgmt
Security:	256-bit AES, Password Protected Admin Control, Over-the-air Factory Reset
IP Traffic:	Supports IP, TCP, UDP and more



Mobile Gateway C NEO Interfaces

Specifications

Dimensions: 65 / 166 / 326 mm (H/D/W)

Weight: 2.7 kg

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

Interfaces

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

5 x 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 Connector: 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



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