

Mobile Gateway M NEO

The perfect companion for NEO terminals

COBHAM
SATCOM



Mobile Gateway M 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 M (Portable/Fixed), Commander NEO (Land Mobile), and the Orion NEO (Maritime) satellite terminals
- Robust IP68 rating with durable screw connectors

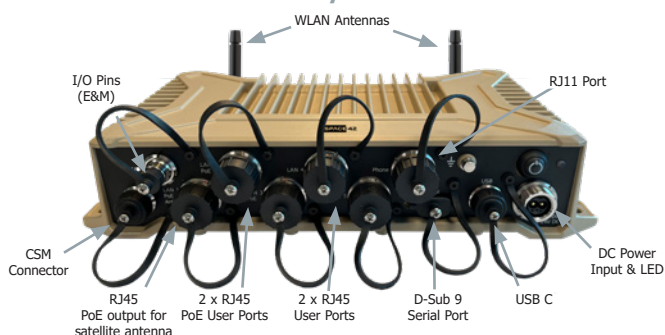
Advanced router functionalities

The Mobile Gateway M 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 M 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 M 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 (ambient)
Storage:	-21°C to +50°C

Water and dust:	IP68 Compliant (submersible)
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MIL-STD-810G:

Method 503.6	(Temperature shock)
Method 505.6	(Solar Radiation)
Method 506.6	(Rain) Method 507.6 (Humidity)
Method 509.6	(Salt fog) Method 510.6 (Sand and Dust)
Method 512.6	(Immersion) Method 516.7 (Drop)
Method 524.1	(Freeze/Thaw)

EMI/EMC:	MIL-STD-461H
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Interfaces

WLAN Access Point:	802.11 b/g/n/ac
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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)
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USB Connector:	USB 3.0
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Phone Connector:	RJ11
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Serial Connector:	D-Sub 9
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I/O Connector:	4 Pins (for E&M)
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User interface:	1 LED (Status), Power Button
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For further information please contact:

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