

OPTIMIZER PREMIER

RedPort Optimizer Premier

Optimizer Premier is a VoIP gateway and data router that provides a flexible all-in-one solution for vessels looking to make the most of their onboard multi user environments.

With multi-WAN functionality and full failover capabilities between networks, Optimizer Premier is the true hub for all your onboard networks supporting up to two satellite systems, optional long-range Wi-Fi Extender, Optional external GSM receiver, and optional 17-band LTE modem variation.

Optimizer Premier also lets users optimize data usage with onboard email and web compression services, and even manage access for passengers and crew with an included captive portal.



Key Features

- Router/Wi-Fi hotspot - broadcasts the data connection via Ethernet or Wi-Fi for use with Wi-Fi enabled smartphones, tablets, and computers.
- Automatically selects among available data connection to choose the lowest-cost or preferred available data service.
- Captive Portal - to control passenger and crew access via username and PIN codes.
- Firewall & Filtering - manage traffic over the satellite link to block unwanted airtime usage. Allows port forwarding, domain-name filtering, network address translation, and detailed whitelisting and blacklisting of websites and services.
- Data PIN-codes -Generate PIN-codes onboard with the included captive portal, or use our shoreside service for fleet-based codes.
- Remote Access - remotely log-in and manage your local network from any Internet connection.
- Network Security - manage and control your local network for maximum security.
- Satellite Email - RedPort routers include a full POP/SMTP RedPort Mail server.
- GPS Tracking - Reliably track vehicles or vessels anywhere in the world.
- NMEA GPS Repeater - locally broadcast your GPS location via Wi-Fi for access by an NMEA compliant device.

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Main Specifications

Physical	
Size	6.3" x 3.1" x 2.1" (160 x 80 x 54 mm)
Weight	1.12 lbs (0.5 kg)
Ports	
Ethernet LAN	2
Ethernet WAN	3
RJ-11 Analog	1
WiFi	
WiFi	802.11 b/g/n
Storage	
Storage Capacity Available	2Gb SLC SD
Electrical	
Power Operating Range	12V 2A DC
Certifications	
Regulatory	FCC, CE, RoHS
Optional LTE Specifications	
4G LTE Category	Cat-6
4G LTE Frequency Bands	B1, B2, B3, B4, B5, B7, B12, B13, B20, B25, B26, B29, B30, B41
3G WCDMA	B1, B2, B3, B4, B5, B8
Peak Download Rate	300Mbps
Peak Upload Rate	50Mbps
Region	Americas, EMEA, and Southeast Asia
Regulatory	CE, FCC, GCF, IC, NCC, PTCRB
Satellite Network Compatibility	
Satellite Networks	Iridium, Inmarsat, Globalstar, and Thuraya