

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 |