

Optimizer Premier VoIP Gateway & Data Router

RedPort™



Optimizer Premier

Optimizer Premier combines a powerful satellite data router with a VoIP gateway, offering a flexible, elegant solution for onboard multi-user environments. With a multi-WAN functionality and **full failover capabilities** between networks, Optimizer Premier is the true hub for all your onboard networks:

- Satellite Systems (up to 2)
- Wi-Fi Extender
- GSM

Free services include routing, filtering, firewall, PBX and NMEA GPS repeating. Premium low-data services include VoIP, email, web compression and SMSGlobal CrewCommCenter crew services.

The Value Proposition

Optimizer Premier gives vessel owners and managers flexible control over crew and passenger satellite airtime usage, and provides easy controls for managing satellite Internet and voice.

Free services include routing, filtering, firewall, captive portal for Crew Welfare Internet and voice access, and NMEA GPS repeating.

Properly configured Premium services will save customers thousands of dollars by preventing runaway airtime and the resulting bill shock.

Optimized Data

Optimizer Premier free features include:

- Unlimited firewall
- Failover
- PIN-code creation
- Filtering
- Routing
- Local GPS repeating

Optimized VoIP

The voice capabilities of Optimizer Premier allow for:

- Unlimited multi-VoIP (unlimited extensions)
- Conversion from VoIP to circuit switch
- Some of the best compression rates on the planet: 15 Minutes of talk time per MB.

Optimized Everything

To greatly enhance the functionality of the unit, you can use premium services like RedPort compression services for compression email and accelerated web compression.

Additionally, the Optimizer Premier provides GPS tracking via RedPort Tracking services, as well as any GsatTrack-based service.

Compatible With:



Optimizer Premier VoIP Gateway & Data Router

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Services Overview

- Firewall/Router
- Failover
- Web Filtering
- Onboard Captive Portal (PIN-code service)
- Wi-Fi Extender Option
- GSM Option
- \$ Worldwide VoIP Calling
- \$ RedPort Email
- \$ Shared Web Compression

\$ = Premium Service. Monthly Fees May Apply.

Specs Overview

Compact: 6.29 x 2.11 x 3.14 in
Weight: 1.12 lbs
Temp: 32°F to 104°F (0°C to 40°C)
Internal Drive: 8Gb SLC Nano
Ram: 128 Mb
Wi-Fi: 802.11 b/g/n 300 Mhz
Wi-Fi Speed: 2.4Ghz 300 Mbps
Power: 9-18v DC 2A

Available Models

wXa-165 Compact 5-port

RedPort Routers

The Right Router for Every Installation



Services

	Optimizer Data Router	Optimizer Voice Data Router	Optimizer Premier Data Router	Optimizer Enterprise Data Router
Firewall	✓	✓	✓	✓
VoIP Gateway	-	✓	✓	-
RedPort Email & Web	-	Optional	Optional	Optional
Captive Portal (PIN-codes)	-	-	✓	✓
Server-based Captive Portal (Shoreside Access Control)	-	-	✓	✓
Shared Web Compression	-	Optional	Optional	Optional
GPS Tracking	Optional	Optional	Optional	Optional
NMEA Repeater	✓	✓	✓	-
Web Filtering	-	Limited	Limited	✓
Quality of Service	-	-	-	✓
Failover/Load-Balancing	-	-	✓	✓
Least-Cost Routing	-	-	✓	✓
Multi-Level Administration	-	✓	✓	✓
Out-of-Band Management	Limited	-	✓	✓
Caching	-	-	-	✓
Usage Logs/Web-reporting	-	Limited	Limited	✓
Bandwidth Logging	Limited	Limited	Limited	✓
SMSGlobal CrewCommCenter	-	✓	✓	✓

Specifications

Ethernet LAN Ports	1	1	2	1
Ethernet WAN Ports	1	1	4	3
RJ-11 Analog Lines	0	0	1	0, 1, 4 or 8
Wi-Fi Enabled	✓	✓	✓	✓
Max Wi-Fi Range	30m	46m	46m	46m
Wi-Fi	802.11 a/b/g	802.11 b/g/n	802.11 b/g/n	802.11 a/g
Storage	-	8Gb SLC Nano	8Gb SLC Nano	8Gb SLC SSD
Power Operating Range	9-18V DC 1A	9-18V DC 2A	9-18V DC 2A	9-18V DC 2A
Certifications	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, RoHS
Rackmounted Weight	-	-	-	10.25 lbs (4.65 kg)
Rackmounted Dimensions	-	-	-	19" 1U Rackmount Enclosure
Compact Weight	0.22 lbs (0.10 kg)	0.56 lbs (0.25 kg)	1.12 lbs (0.5 kg)	1.86 lbs (0.845 kg) (313) 3.85 lbs (1.75 kb) (323)
Compact Dimensions	3.8" x 2.75" x 1.0" (97 x 70 x 25 mm)	5.5" x 6.3" x 1.2" (140 x 160 x 30 mm)	6.3" x 3.1" x 2.1" (160 x 80 x 54 mm)	6.6 x 1.2 x 6.2" (168 x 30 x 157mm) (313) 10.9 x 2 x 5" (277 x 50 x 126mm) (323)

RedPort Global

A Global Marine Networks Brand
www.redportglobal.com