Optimizer Voice
VoIP Gateway & Data Router

RedPort™

Optimizer Voice

Optimizer Voice combines a powerful satellite data router with voice capabilities. It is ideal for vessels needing a single network that runs voice, email, weather, chat and more. Manage your usage, protect against accidental airtime usage, accelerate your data speeds, enable compression for email and web browsing, tracking your location via GPS, and use SMSGlobal CrewCommCenter. New shoreside portal allows for easy fleet management.

Optimized Data

Optimzier Voice base free features include:
- Ulimited firewall
- Pin-code creation
- Filtering
- Routing
- Local GPS repeating

To gently enhance the functionality of the unit, you can use premium service like RedPort compression services for compression email and accelerated web compression. Additionally, the Optimizer Voice provides GPS tracking via RedPort Tracking services, as well as access to SMSGlobal CrewCommCenter premium services.

Optimized VoIP

The voice capabilities of Optimizer Voice allow for:
- Unlimited multi-VoIP (unlimited extensions)
- Conversation from VoIP to circuit switch
- Some of the best compression rates on the planet: 15 Minutes of talk time per MB.

When using RedPort VoIP service, PIN-codes can be generated to create prepaid voice calling options. RedPort VoIP provides affordable calling options to over 380 of the most called locations on the planet, ofter at a significant discount compared to traditional satellite airtime.

Optimizer Voice (wXa-153)

The Value Proposition

Optimizer Voice 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, PBX and NMEA GPS repeating. Premium low-data services include VoIP, email, web compression and SMSGlobal CrewCommCenter crew services.

Related Products

Customers who need shared web caching, automatic failover/load-balancing, have extremely complex networking requirements, or very high data traffic should consider the wXa-500 series.

Compatible With:

inmarsat THURAYA VSAT

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RedPort™ by pivotel.

Services Overview

- Firewall/Router
- Web Filtering
- Remote Management
- Quality of Service
- GSM Option
- $ Worldwide VoIP Calling
- $ RedPort Email
- $ Shared Web Compression
- $ SMSGlobal

$ = Premium Service. Monthly Fees May Apply.

Specs Overview

Compact:	3.5 x 1.75 x 4.4 in
Weight:	0.56 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-153 ..... Compact 2-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

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