

OPTIMIZER CREWCOMM

RedPort OPTIMIZER CrewComm

Optimizer CrewComm is a VoIP gateway, router, Wi-Fi access point, firewall and captive portal with SMSGlobal CrewCommCenter.

The router includes a PBX, a prepaid VoIP service and the ability to carry up to four simultaneous calls over most satellite broadband terminals.

Optimizer CrewComm provides everything you need to control the vessel network and satellite data usage. Protect against unwanted airtime consumption, accelerate data speeds, enable vessel & crew E-mail services, web compression, track the vessel location via GPS, and provide routing, filtering network security. All features are remotely managed from an onshore web portal, centralizing the IT management fleet-wide.



Key Features

- Network Security & Firewall - manage and control the vessel network for maximum security. Allows port forwarding, domain-name filtering, network address translation, and detailed whitelisting and blacklisting of websites and services.
- RedPort VoIP service with world-wide termination and DID numbers for incoming calls. Provides significant data savings over traditional satellite airtime as well as competitive calling rates.
- Crew captive portal with Internet access control, domains and DNS filtering, Instant messaging applications and media filtering.
- Private crew E-mail and SMS messaging accounts.
- Captain and Fleet Management announcement board, world-news & sports.
- Pre-paid PINS and free-to-use billing modules.
- Vessel E-mail - Includes a fully integrated POP/SMTP RedPort mail server.
- GPS Tracking - Reliably track the vessel anywhere in the world.
- NMEA GPS Repeater - locally broadcast your GPS location via Wi-Fi for access by an NMEA compliant device.
- Centralized fleet management through onshore web admin portal.



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Main Specifications

Physical	
Size	3.8" x 2.75" x 1.0" (97 x 70 x 25 mm)
Weight	0.22 lbs (0.10 kg)
Ports	
Ethernet LAN	1
Ethernet WAN	1
RJ-11 Analog	1
WiFi	
WiFi	802.11 b/g/n
Max WiFi Range	98.4' (30m)
Storage	
Storage Capacity Available	8Gb SLC SSD
Electrical	
Power Operating Range	9-18V DC 1A
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