

The Ultimate Ship/Shore Network Manager

Connecting Ships and Offices Worldwide



Benefits:

- Reduce your communications expenses while enjoying flexibility in how your crew uses your chosen communications solutions
- Achieve a level of customization and security unmatched by software-only solutions thanks to the dedicated CommBox shipboard system and choice of network management hubs
- Optimize your communications with traffic shaping and automatic least cost routing among services like mini-VSAT BroadbandSM, traditional VSAT, Inmarsat, shore-based WiFi and WiMax, GSM cellular, and more
- Improve crew welfare and morale by offering private roaming e-mail and Internet access
- Tightly integrate ship and office operations with comprehensive remote access to your shipboard networks for business and IT operations while minimizing costs and improving efficiency

CommBox is the most complete network management tool available for mariners, functioning as e-mail server, relay server, and web server in one rugged package.

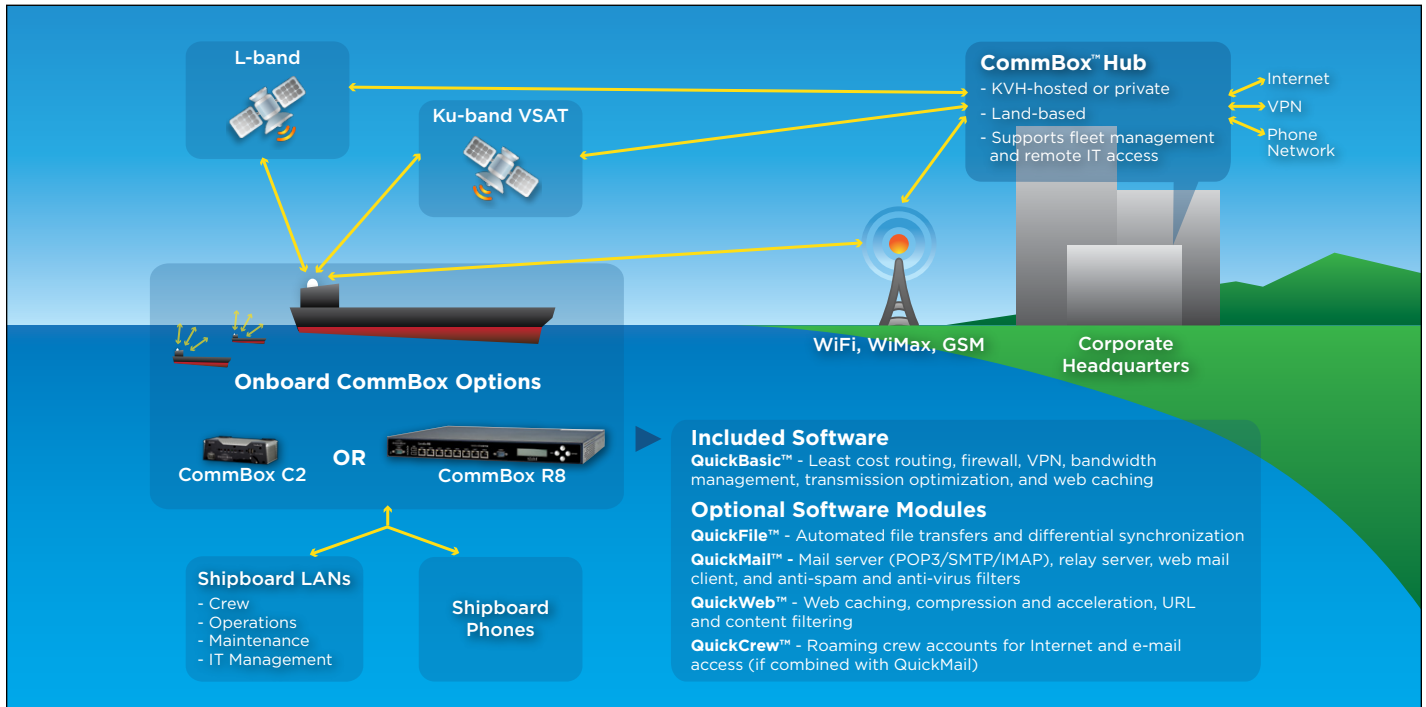
With two shipboard hardware options, your choice of value-added software modules, and the flexibility to work with any selected communications service, the fully configurable CommBox offers unmatched optimization and cost savings whether you have 5 or 500 vessels in your fleet. That's why more than 1000+ vessels worldwide rely on the KVH CommBox Ship/Shore Network Manager.

CommBox includes dedicated shipboard network management hardware, network hub options for enhanced performance and network control, and proven software modules to expand onboard communications capabilities, including:

- least cost routing between multiple communications services, with easy to configure rules and filters that determine when to switch, as well as the functions that are available with each service
- roaming crew accounts that allow crew members to keep one Internet and e-mail account for use on any vessel in the fleet
- data compression, web caching, and web acceleration to get the most out of each vessel's network use
- easy file transfers from ship to shore and shore to ship, including file compression and synchronization among files and folders
- real-time reporting on the communications activity of a fleet's vessels
- IP routing for remote operations and diagnostics of the vessel network right from the fleet headquarters
- configurable firewalls and encryption for data and network security



System Options & Functions Diagram



Specifications:

	CommBox C2	CommBox R8	CommBox Hub
Ethernet	2x 10/100 Base-TX RJ-45 connector, auto sense or fixed	2x 10/100 and 6x 10/100/1000 Base-TX RJ-45 connector, auto sense or fixed	2x 10/100/1000 Base-TX RJ-45 connector, auto sense or fixed
Storage	1x Type II Compact Flash slot, and optional 2.5" slim hard disk for cache	1x Type II Compact Flash, and 3.5" hard disk	2x 300GB RAID level 1 default installed and 1x DVD reader
Serial Ports	4x RS-232 (max 230 Kbps) 2x USB 2.0	2x RS-232 (max 230 Kbps) 2x USB 2.0	2x RS-232 (max 230 Kbps) 4x USB 2.0 (2 in front)
Vibration	up to 5 g rms (5-500 Hz)	up to 1.5 g rms (5-500 Hz)	N/A
Shock	up to 100 g	up to 20 g	N/A
Operating Temperature	5°F to 140°F (-15°C to 60°C) (fanless)	5°F to 140°F (-15°C to 60°C) (fan)	32°F to 122°F (10° to 35°C) (fan)
Operating Humidity	5 to 95% @ 104°F, non-condensing	10 to 80% @ 104°F, non-condensing	5 to 95% @104°F (40°C), non-condensing
Power	DC 9-30V or AC 100-240VAC @ 50-60 Hz, typical consumption: 15W	AC 100-240VAC @ 50-60 Hz, typical consumption: 50W	AC 100-240VAC @ 50-60 Hz, typical consumption: 150W, redundant power
Mounting	wall-mount (default), DIN rail	19" rack mount	19" rack mount (rails included)
Dimensions (w x h x d)	8.4" x 2.5" x 4.2" (212 x 64 x 107 mm)	17" x 1.7" x 15" (431 x 44 x 380 mm)	17.2" x 3.5" x 17.7" (437 x 89 x 450 mm)
Net Weight	4.8 lbs (2.2 kg)	14 lbs (6.4 kg)	44 lbs (20 kg)



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