

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 solution
 - Achieve a level of customisation and security unmatched by software-only solutions thanks to the dedicated CommBox shipboard system and choice of network management hubs
 - Optimise 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 minimising costs and improving efficiency
- 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 synchronisation 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

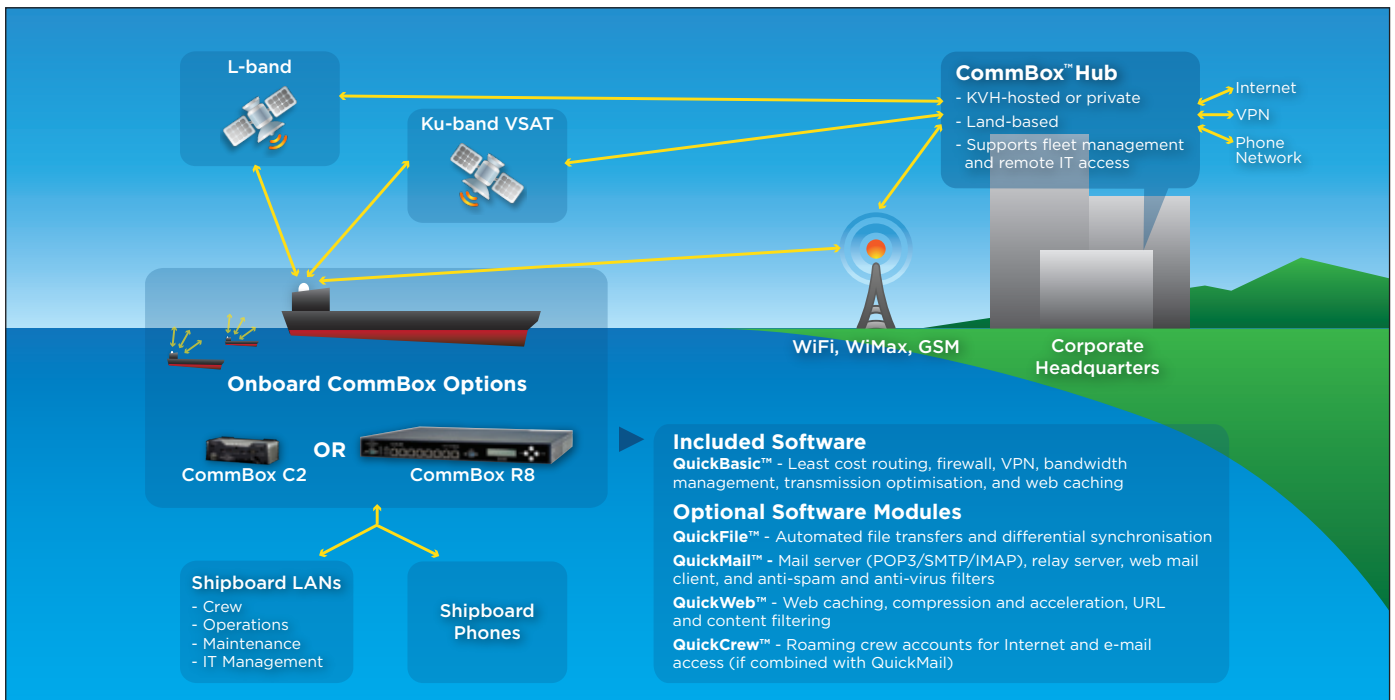
CommBox is the most complete network management tool available for mariners, functioning as e-mail server, relay server, and web server in one rugged package.

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 optimisation and cost savings whether you have 5 or 500 vessels in your fleet. That's why more more than 1,000+ 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:



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 | -15°C to 60°C (fanless) | -15°C to 60°C (fan) | 10°C to 35°C (fan) |
| Operating Humidity | 5 to 95% @ 40°C, non-condensing | 10 to 80% @ 40°C, non-condensing | 5 to 95% @ 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 (rails included) | 19" rack mount (rails included) |
| Dimensions (w x h x d) | 212 mm x 64 mm x 107 mm | 431 mm x 44 mm x 380 mm | 437 mm x 89 mm x 450 mm |
| Net Weight | 2.2 kg | 6.4 kg | 20 kg |

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