

## New and smart **4G SeaWire** transmission device

**SeaWire**  
WHEREVER YOU ARE



SeaWire is a 4G data transmission device suitable for coastal navigation bringing high-speed LTE connectivity to the marine industry. The SeaWire is a multilayer hardware design with unique technical and practical functions for crucial business data sharing, entertainment and crew welfare at the limit of the coverage of the mobile network coverage at sea.

### The unit offers:

- **Up to 30 NM (55 km) data transmission range of 300/600 Mbit/s on 4G mobile network.**
- **Always scanning the most optimal 4G/LTE connection via a smart scanning function without interruption of ongoing transmission.**
- **Smart slimline designed marine grade IP-x6 antenna dish of only 34 cm.**
- **Integrated Antenna and WiFi modem eliminates signal loss in cables.**
- **Web based user interface for configuration and maintenance.**
- **Use your mobile device WiFi function to connect with SeaWire antenna or/and normal LAN Cable for PC connection.**
- **Use and insert own SIM Card or a global SIM card for Oceangoing vessels passing coastline 4G connections.**
- **Up to 50 users online at the same time.**
- **Low cost and 'easy to install' on 38 mm pole mounting.**



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# FURUNO

**SeaWire** is available in two versions: A single antenna unit **SeaWire RouDem** and a **SeaWire Pro** dual antenna solution. With unique range performance the vessel and on board users are secured a high speed Mobile data connection or an ordinary mobile phone connection via the built in WiFi modem.

The smart designed auto rotating high gain directional antenna constantly scans for the nearest terrestrial mobile operator tower reaching for the best connection. The built-in omnidirectional antenna maintains the primary communication via automatic and hassle free shifts between operator towers selecting the antenna with the highest data speed.

The scanning functions can be observed on the small LED's on the antenna - red for compass alignment, blue for scanning and green colour for fixture of signal.



## SIM CARD

With insertion of a SIM card with data capability ordered from your preferred mobile telephone company, your SeaWire system is automatically active. Via the internal GPS, we - as supplier - can monitor the antenna/system and secure optimal technical performance without following the actual traffic or listening to specific calls.

For vessels needing multiple connections when passing different coastlines, a special international GlobeWire SIM Card data subscription administrates your mobile data consumption. A selection of global telecommunication providers are available covering 120 countries at attractive fixed monthly rates.

## Communication connection on board

Assisted by the built-in WiFi modem and your mobile device's WiFi option - a fast and steady connection is secured within a distance of 300 meters on board.

With the POE/LAN adaptor the antenna is powered via the LAN cable, and the additional socket for LAN in the adaptor can be connected to a PC or an IT network on board. An internal rechargeable 4,400 Ah battery keeps the system alive for 8 hours in case of power failure.

## Dual Antenna Solution SeaWire Pro

For larger vessels the dual antenna solution SeaWire Pro gives you higher bandwidth (up to 600 Mbit/s). With the connection of the 19" BDU prepared for rack mounting multiple LAN connections for routers, switches or optional WiFi access points are offered.

To get more information to this unique communication solution, please contact FURUNO DANMARK A/S



SeaWire Pro



PoE adapter



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