### **YACHT ROUTER**

## Locomarine

# PRO SERIES 5

The easiest way to stay online.

Yacht Router Pro is designed for installation on larger yachts and boats with multiple satellite Internet sources. In combination with Add-on modules it will provide complete network solution for most demanding installations. Yacht Router Pro will provide the ability to establish nine Vessel Networks (e.g. Owner, Guests, Crew). For simple and efficient Vessel network distribution throughout the vessel you can use multiple Network Extender devices in various network topology (star, chain). Each Vessel Network can be simultaneously connected to same or different Internet source. For example: you can connect Owner network to the internet via VSAT, Guest network to the Internet over 4G mobile system while in the same time Crew network can access Internet over WIFI Hotspot in marina.

#### **Performance**

Fast, safe, powerful.

- Quad Core CPU
- 2x SAT port (for satellite Internet systems, ADSL, mobile routers)
- Mobile Expander Pro support (30+ NM long distance mobile connection, 4 SIM cards)
- Network Expander Pro support (24x GbE PoE)
- Optional WIFI Booster for long distance WIFI (10+ NM)
- Multiple Network Extender support (WIFI/ LAN access points, PoE, chaining)
- 9x Vessel Network
- 8x Backbone Ethernet port (1 Gb/s per port)
- 1x SFP+ Backbone port (10 Gb/s)
- 19" rack and wall/desk mounts
- · Hotel-type hotspot on 8 Vessel Networks

- · Vessel Network bandwidth control
- Load balancing (dynamic user bandwidth allocation)
- Online Remote support
- · Cloud Service
- · Premium Service
- Free Remote Tracking and Anchor alarm
- Compatible with Garmin, Furuno, Simrad, Lowrance, B&G, Maretron, Sonos, Apple Airplay and other IP based systems

### Long range WIFI and 3G/4G Connect far away from shore.

As an option to Yacht Router Pro you can add powerful WIFI Booster for long-range WIFI connection to shore WIFI networks (e.g. marina hotspot). With optional high gain outdoor antenna, you can expect up to 10 NM connection, even further in come conditions. You can also add up to four Mobile Expanders or single Mobile Expander Pro, device that will provide ability to connect to any 3G/4G mobile network far away offshore. With high gain outdoor antenna 30+ NM connectivity is expected.

### **User friendly control** Simple for everyone.

The most important part of Yacht Router solution is Control application. Application is available for Windows, iPad, iPhone and

Android. Dedicated application is designed by professionals specialized in yacht communication systems in collaboration with yacht captains. The result is a system that is very simple to control and maintain.

### Free GPS tracking and anchor alarm Let your family and friends know where you are.

With addition of NMEA to LAN converter, Yacht Router Pro s5 will support Remote Tracking and Anchor Alarm. With free Remote Tracking service, you can see the location of your vessel whenever it is connected to the Internet.

### Remote support

Support really matters. Sailors know that.

Whenever you have a problem setting up, or using your Yacht Router, our Support Team can remotely connect for help. No, need for dedicated software or subscription service, just a simple click on remote Support button in Yacht Router Control software.

#### **Premium service**

Support for demanding clients.

If Internet is essential on your vessel, our Premium service will provide additional level of support in case of hardware or any system failure.



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### WAN, LAN, Backbone ports

Total number of Ethernet ports: 10 Ethernet Satellite WAN ports: 2-5 Ethernet Vessel Networks (LAN) ports: 0 Ethernet Backbone ports: 5-8 (depending on WAN ports number) SFP+ Backbone ports: 1

Max. data rate on each Ethernet port: 1 Gbps Max. data rate on SFP+ port: 10 Gbps

### **Add-on Modules support**

WIFI Booster: 1 Mobile Expander Pro: 1 Mobile Expander: 4 Network Expander Pro: 5 Network Extender: 50

NMEA0183 to LAN converter: yes Touch Screen Controller: yes

### **Vessel networks (WIFI/LAN)**

Max. number of networks: 9

Yacht Router Pro does not have integrated WIFI.
For Ethernet (LAN) connectivity add Network Expander Pro.
For WIFI/LAN distribution add Network Extenders.

### **Mobile Networks**

Integrated modems: no

Yacht Router Pro does not have integrated modem.

For mobile connectivity add Mobile Expander Pro (4 modems) or up to four Mobile Expanders if you want it on various location on a vessel.

### Power, environment and dimensions

AC power supply input range: 110-240 V

Max. power consumption: 35 W

Operating temperature range: -10 to +50 °C Operating humidity range: 5-95 % non-condensing

IP Protection: IP30

Dimension (WxDxH, without antennas): 483 x 328 x 45 mm

#### **Software features**

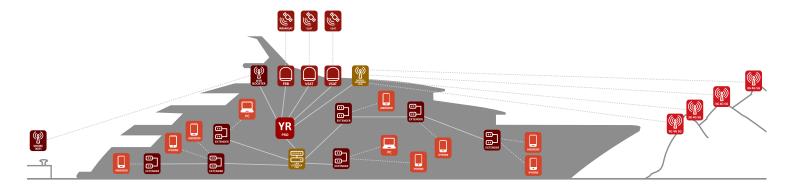
Multiple WAN sources (e.g. VSAT, FleetBroadband)
Nine Vessel Networks (e.g. Owner, Guests, Crew)
Anchor alarm
GPS Remote Tracking
Simple Internet source selection
Bandwidth control per user
Hotel-type Hotspot
Automatic Internet source switching (tailor-made alghorithms)

### **Ordering information**

Yacht Router Pro: LYR-P05



Yacht Router in combination with Network Expander Pro and Mobile Expander Pro as complete network solution for larger vessels.



Design and installation of network system on a larger yacht is usually demanding job. With Yacht Router Pro and Add-on modules like Network Extender this process is greatly simplified as you can combine various network topology (e.g. chain, star). As a result, network cable length and installation hours are significantly reduced.