

## STANDARD

SERIES 5

The easiest way to stay online.

**Yacht Router Standard is designed for installation on yachts with max. two satellite Internet sources. It will provide the ability to establish three vessel networks (e.g. Owner, Guests, Crew) as WIFI and cable version. 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 (using additional satellite equipment), Guest network to the Internet over 4G mobile system (via additional Mobile Expander module) while in the same time Crew network can access Internet over WIFI Hotspot in marina (via additional WIFI Booster module). For larger vessels where single WIFI access point is not enough to cover all vessel areas, multiple Network Extender modules can be installed.**

### Performance

Fast, safe, powerful.

- 2x SAT port (for satellite Internet systems, ADSL, mobile routers)
- Optional High power 3G/4G module (30+ Nautical miles)
- Optional WIFI Booster for long distance WIFI (10+ NM)
- 3x Vessel WIFI network
- 3x Vessel Network (LAN) Ethernet port
- 5x Backbone Ethernet port
- 1x SFP+ Backbone port
- 2,4 + 5 GHz high power WIFI (b/g/n/a/ac)
- Hotel type hotspot on one Vessel Network
- Multiple Mobile Expander support
- Multiple Network Extender support
- Online Remote support
- Free Remote Tracking and Anchor alarm
- Wide range DC power input (10-30 V)

• 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 Standard 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 some conditions. You can also add Mobile Expander, device that will give you ability to connect to any 2G/3G/4G mobile network far away offshore. With high gain outdoor antenna 30+ NM connectivity is expected. It is possible to connect two Mobile Expanders to Yacht Router Standard, so you can dedicate each connection to same or different Vessel Network.

### 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 Mobile Expander s5, Yacht Router Standard 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.



# YACHT ROUTER STANDARD

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# Locomarine

## WAN, LAN, Backbone ports

Total number of Ethernet ports: 10  
Ethernet Satellite WAN ports: 2  
Ethernet Vessel Networks (LAN) / Backbone ports: 8  
SFP+ Backbone ports: 1  
Max. data rate on each Ethernet port: 1 Gbps  
Max. data rate on each SFP+ port: 10 Gbps

## Add-on Modules support

WiFi Booster: 1  
Mobile Expander: 3  
Network Extender: 20  
NMEA0183 to LAN converter: yes  
Touch Screen Controller: yes

## Vessel networks (WIFI/LAN)

Max. number of networks: 3  
Supported standard: 2.4 GHz (b/g/n), 5 GHz (a/n/ac)  
Max. WIFI data rates on 2.4 GHz: 300 Mbps  
Max. WIFI data rates on 5 GHz: 1733 Mbps  
Max. WIFI transmit power on 2.4 GHz: 29/794 dBm/mW  
Max. WIFI transmit power on 5 GHz: 33/1995 dBm/mW  
Sensitivity of integrated antenna (2.4/5 GHz): 3/3 dB

## Mobile Networks

Integrated modems: no  
**Yacht Router Standard does not have integrated modem.  
For mobile connectivity add Mobile Expanders.**

## Power, environment and dimensions

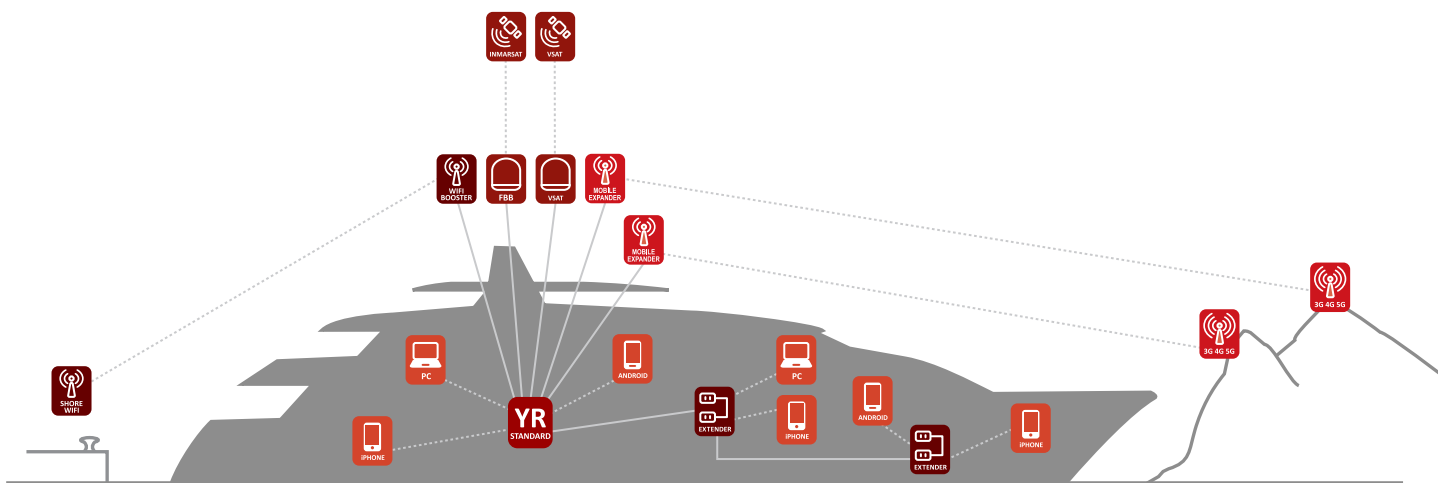
DC power supply input range: 10-30 V  
Max. power consumption: 44 W  
Operating temperature range for internal unit: -10 to +50 °C  
Operating humidity range: 5-95 % non-condensing  
IP Protection: IP50  
Dimension (WxDxH, without antennas): 255 x 135 x 48 mm

## Software features

Two WAN sources (e.g. VSAT, FleetBroadband)  
Three Vessel WIFI/LAN Networks (e.g. Owner, Guests, Crew)  
Anchor alarm  
Simple Internet source selection  
Bandwidth control per user  
Hotel-type Hotspot

## Ordering information

Yacht Router Standard: LYR-S05



Design and installation of network system on a larger yacht is usually demanding job. With Yacht Router Standard 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.