

## MICRO

SERIES 6

The easiest way to stay online.

**Yacht Router Micro is designed for installation on smaller vessels. It will transmit single Vessel WIFI network that you can connect to any 3G/4G mobile network worldwide. With dual SIM card slot, you can use two SIM cards from same or different mobile provider. For distant offshore connectivity (30+ NM) installation of optional high gain outdoor antennas is recommended.**

### Performance

**Small but powerful.**

- High power 3G/4G global modem (30+ Nautical miles with outdoor antennas)
- Optional WIFI Booster for long distance WIFI connection (10+ NM)
- 1x Vessel WIFI network
- 5x Backbone or Vessel Network Ethernet port (LAN)
- 2,4 + 5 GHz high power WIFI (b/g/n/a/ac)
- Free online Remote Support
- Free Remote Tracking and Anchor alarm
- Wide range DC power input (10-30 V)
- Compatible with Furuno, Lowrance, Simrad, B&G, Maretron, Sonos, Apple Airplay and other IP based systems

### Long range WIFI

**Use WIFI on your favourite anchorage.**

As an option to Yacht Router Micro you can add powerful WIFI Booster for long-range WIFI connection to shore WIFI networks (e.g. marina hotspot). WIFI Booster is waterproof Power-Over-Ethernet device that you can install directly on a mast or radar arch. As you can attach WIFI antenna

directly to the WIFI Booster there is no coax cable signal loss. With optional high gain outdoor antenna, you can expect up to 10 NM connection, even more in good conditions.

### User friendly control

**Simple for everyone.**

The most important part of Yacht Router solution is Control application. It 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 free Remote Tracking service, you can see the location of your vessel whenever it is connected to the Internet. As Yacht Router Micro is equipped with GNSS receiver there is no need for additional hardware or paid subscription. In addition to Tracking service, you can set Anchor alarm that will send notification on your phone.

### 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

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# Locomarine

## WAN, LAN, Backbone ports

Total number of Ethernet ports: 5  
Ethernet Satellite WAN ports: not available  
Ethernet Vessel Networks (LAN) / Backbone ports: 5  
Max. data rate on Ethernet port: 1000 Mbps

## Add-on Modules support

WiFi Booster: 1  
Mobile Expander: yes  
Network Extender: 2  
NMEA0183 to Ethernet converter: yes  
NMEA2000 to Ethernet converter: yes  
Touch Screen Controller: no

## Vessel networks (WIFI/LAN)

Max. number of networks: 1  
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: 867 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 antennas (2.4/5 GHz): 4/4 dB

## Mobile Networks

Integrated modems: 1  
SIM card slots: 2  
SIM card size: Nano SIM  
Antenna connector type (on device): 2x SMA female  
Sensitivity of included antennas: 4 dB  
Coverage: global  
3G category: R8 (42 Mbps downlink, 5.76 Mbps uplink)  
4G category: 12 (600 Mbps downlink, 150 Mbps uplink)  
3G bands: 1/2/3/4/5/8/9/19 (2100/1900/1800/1700/850/900/  
1700/800)  
4G FDD bands: 1/2/3/4/5/7/8/9/12/13/14/17/18/19/20/21/25/26/  
28/29/30/32/66 (2100/1900/1800/1700/850/2600/900/700/  
800/1500/2300)  
4G TDD bands: 38/39/40/41 (2600/1900/2300/2500)

## GNSS receiver

Channels: 22 tracking / 66 acquisition  
Supported system: GPS/GLONASS/BeiDou/Galileo/QZSS  
Sensitivity: -158 dBm  
Antenna: no separate antenna - GNSS use mobile antennas

## Power, environment and dimensions

DC power supply input range: 10-30 V  
Max. power consumption: 9 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): 175 x 90 x 49 mm

## Software features

One Vessel Network (WIFI/LAN)  
Automatic APN  
SIM card hot-swap  
Anchor alarm  
GPS Tracking  
Simple Internet source selection  
Bandwidth control per user

## Ordering information

Yacht Router Micro: LYR-C06

