

MICRO

SERIES 5

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 mobile network (4G/3G/2G) or your choice. 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 suggested.

Performance

Small but powerful.

- High power 2G/3G/4G module (30+ Nautical miles).
- Optional WIFI Booster for long distance WIFI connection (10+ NM).
- 1x Vessel WIFI network.
- 1x Backbone or Vessel Network (LAN) Ethernet port.
- 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, Garmin, 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 GPS 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.



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Locomarine

WAN, LAN, Backbone ports

Total number of Ethernet ports: 1
Ethernet Satellite WAN ports: not available
Ethernet Vessel Networks (LAN) / Backbone ports: 1
Max. data rate on Ethernet port: 100 Mbps

Add-on Modules support

WIFI Booster: 1
Mobile Expander: no
Network Extender: 1
NMEA0183 to LAN converter: yes
Touch Screen Controller: no

Vessel networks (WIFI/LAN)

Max. number of networks: 1
Supported standard: 2.4 GHz (b/g/n)
Max. WIFI data rates: 100 Mbps
Max. WIFI transmit power: 22/160 dBm/mW
Sensitivity of integrated antenna: 2 dB

Mobile Networks

Integrated modems: 1
SIM card slots: 2
SIM card size: Mini SIM
Antenna connector type (on device): 2x SMA female
Sensitivity of included antennas: 4 dB

Integrated Europe/Africa/Asia/Oceania modem:

2G category: Class12
3G category: R7 (21 Mbps downlink, 5.76 Mbps uplink)
4G category: 4 (150 Mbps downlink, 50 Mbps uplink)
2G bands: 2/3/5/8 (1900/1800/850/900)
3G bands: 1/2/5/8 (2100/1900/850/900)
4G bands: 1/2/3/7/8/9/20 (2100/1900/1800/2600/900/800)

Integrated USA modem:

3G category: R7 (21 Mbps downlink, 5.76 Mbps uplink)
4G category: 4 (150 Mbps downlink, 50 Mbps uplink)
3G bands: 2/5 (1900/850)
4G bands: 2/4/5/12 (1900/1700/850/700)

Integrated Global modem:

3G category: R9 (42 Mbps downlink, 11.5 Mbps uplink)
4G category: 11 (600 Mbps downlink, 75 Mbps uplink)
3G bands: 1/2/4/5/8 (2100/1900/900/AWS/850)
4G bands: 1/2/3/4/5/7/8/12/13/17/20/25/26/28/29/30/66 (2100/1900/1800/AWS/2600/900/700ac/700c/700bc/800 DD/850/1900/TDD 2600/TDD 2300/US 850 Ext800/ 700 APAC/ US 700de Lower/TDD 2500/2300 WCS/ AWS-3

GPS receiver

Channels: 22 tracking / 66 acquisition
SBAS: WAAS/EGNOS/MSAS/GAGAN
Sensitivity: -165 dBm
Antenna connector: SMA male
Antenna IP rating: IP67
Antenna cable length: 5 m
Antenna dimension (WxDxH): 48 x 39 x 14 mm

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): 139 x 78 x 29 mm

Software features

One Vessel Network (WIFI/LAN)
Anchor alarm
Simple Internet source selection
Bandwidth control per user

Ordering information

Yacht Router Micro: LYR-C05
Yacht Router Micro - USA: LYR-C05-US
Yacht Router Micro - Global: LYR-C05-G



By default you can connect Yacht Router Micro to 2G, 3G or 4G mobile network of your choice. Yacht Router is available in two versions, for Europe/Africa/Asia/Oceania and USA/Canada mobile network frequencies. If you add WIFI Booster, you can also connect to distant shore WIFI networks.