

Yacht Router Standard is designed for installation on vessels with single or dual satellite Internet source (VSAT, Inmarsat, Iridium etc). It will provide the ability to establish three vessel WIFI/LAN networks (Client-to-Vessel) which you will be able to independently and simultaneously connect to other WIFI networks (e.g. marina WIFI Hotspots), mobile networks (4G/3G/2G) orsatellite Internet equipment. For larger vessels where single WIFI Access Point is not enough to cover all vessel areas, multiple WIFI Extenders can be connected.

- High power WIFI Booster for long distance connectivity (15+ Nautical miles¹)
- High power 4G/3G/2G module (30+ Nautical miles²)
- 3x Client-to-Vessel WIFI/LAN network
- Hotspot on single vessel WIFI network
- 3x LAN port
- 2x WAN port (for satellite Internet equipment)
- 3x Backbone LAN port
- Multiple WIFI Extenders supported
- Mobile Expander support
- LAN Expander support
- Online Remote Support
- Cloud Service compatible
- Wide range DC power input (10-30 V)
- Replacement for GoFree™ (Simrad, Lowrance, B&G)
- Replacement for Garmin WIFI Adapter Kit
- FURUNO NavNet, Maretron, SONOS and similar systems compatible



Yacht Router Standard is equipped with Vessel-to-Shore WIFI Booster for simple installation and zero coax cable signal loss. WIFI Booster is powered directly from Yacht Router via Power-over-Ethernet cable injector.

¹ Achieved with 9dBi outdoor antenna and VIP mobile provider. As actual range depends on many factors Locomarine d.o.o. DOES NOT augrantee specified range of connectivity.

² Achieved with 9dBi outdoor antenna. As actual range depends on many factors Locomarine d.o.o. DOES NOT guarantee specified range of connectivity

YACHT ROUTER

Specifications

WAN, LAN, Backbone networks

Ethernet WAN ports: 2 Ethernet LAN ports: 3 Backbone LAN ports: 3

Dedicated Mobile Expander Pro port: not available Max. data rate on WAN/LAN/Backbone (per port): 1 Gbps

Extenders, Expanders, Controller support

WIFI Extender support: yes

Max. number of supported WIFI Extenders: unlimited

Mobile Expander support: yes LAN Expander support: yes Touch Screen Controller support: yes PoE injector power outputs: 3

Vessel-to-Shore WIFI booster

Power-over-Ethernet: yes (8-30 VDC) Supported standards: a/b/g/n/ac Max. data rates (Mbps, 1-1 ant.): 433 Max. transmit power (dBm): 31 Max. transmit power (mW): 1300 Sensitivity of included antenna (dB): 6

Antenna connector type (on device): N-type female Dimension (mm, WxDxH, without antenna): 45 x 45 x 180

Client-to-Vessel WIFI

Max. number of networks: 1 Supported standards: b/g/n Max. data rates (Mbps, 2-2 ant): 300 Max. transmit power (dBm): 30 Max. transmit power (mW): 1000 Sensitivity of included antenna (dB): 3

Antenna connector type (on device): N-type female

Mobile network

Integrated modems: 1

Europe/Africa/Asia/Oceania modem:

LTE/4G freq. (MHz): 2100 (B1), 1900 (B2), 1800 (B3), AWS (B4), 850 (B5),

2600 (B7), 900 (B8), 800 (B20)

WCDMA freq. (MHz): 2100 (B1), 1900 (B2), 900 (B8), 850 (B26)

GSM/GPRS/EDGE freq. (MHz): 850, 900, 1800, 1900

Americas modem:

LTE/4G freq. (MHz): 700 (B17), AWS (B4), 2100 (B1)

WCDMA freq. (MHz): 800 (B6), 850 (B5), 1900 (B2), 2100 (B1)

GSM/GPRS/EDGE freq. (MHz): 850, 900, 1800, 1900

Max. download rates (Mbps): 150 Max. upload rates (Mbps): 50

Max. transmit power in LTE/4G (dBm): 23 Max. transmit power LTE/4G (mW): 200 Max. transmit power in WCDMA (dBm): 23.5 Max. transmit power WCDMA (mW): 224

Max. transmit power in GSM/GPRS/EDGE (dBm): 32.5 Max. transmit power GSM/GPRS/EDGE (mW): 1778

SIM card slots: 1

SIM card size: standard GSM (ID-000) Sensitivity of included antenna (dB): 2

Antenna connector type (on device): N-type female

Power, environment and dimensions

DC power supply input range (V): 10-30 AC power supply input range (V): not available

Automatic switching AC-DC power controller: not available

Regulated DC power outputs: not available

Max. power consumption at 12 V (W, without WIFI Extenders): 24 Operating temperature range for internal unit (°C): -10 to +60 Operating temperature range for WIFI Booster (°C): -30 to +60 Operating humidity range (%, non-condensing): 5-95

Enclosure material: aluminium Enclosure mount type: wall

IP Protection: IP50

Dimension (mm, WxDxH, without antennas): 212 x 292 x 80

Software features

Hotspot: yes

Hotspot supported on Client-to-Vessel WIFI networks: 1 (Vessel Net. 2 only)

WAN Auto-switching: no Online Remote Support: yes

Selectable WAN source for each vessel network: yes

Detailed usage statistics: yes

Flexible assigning of LAN ports to vessel WIFI networks: yes

Customizable WIFI power output: yes Mobile Network Bonding: not available

Cloud Service

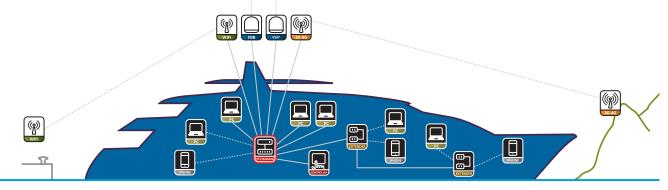
Available remote user accounts: 3

Number of reachable on-board devices: unlimited

Ordering information (package)

Europe/Africa/Asia/Oceania version code: LYR-SB-P

Americas version code: LYR-SB-P-A



Local Dealer: