

MINI



Yacht Router Mini is designed for installation on smaller vessels with single satellite Internet source (VSAT, Inmarsat, Iridium etc). It will provide the ability to establish two 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) or satellite Internet equipment. For vessels where single WIFI Access Point is not enough to cover all vessel areas, additional WIFI Extender can be connected.

- High power WIFI Booster for long distance connectivity (15+ Nautical miles¹)
- High power 4G/3G/2G module (30+ Nautical miles²)
- 2x Client-to-Vessel WIFI/LAN network
- 2x LAN port
- 1x WAN port (for satellite Internet equipment)
- 1x Backbone LAN port
- Single WIFI Extender support
- 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 Mini 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 guarantee specified range of connectivity.

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Specifications

WAN, LAN, Backbone networks

Ethernet WAN ports: 1
 Ethernet LAN ports: 2
 Backbone LAN ports: 1
 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: 1
 Mobile Expander support: yes
 LAN Expander support: yes
 Touch Screen Controller support: yes
 PoE injector power outputs: 2

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): 17
 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): 150 x 211 x 72

Software features

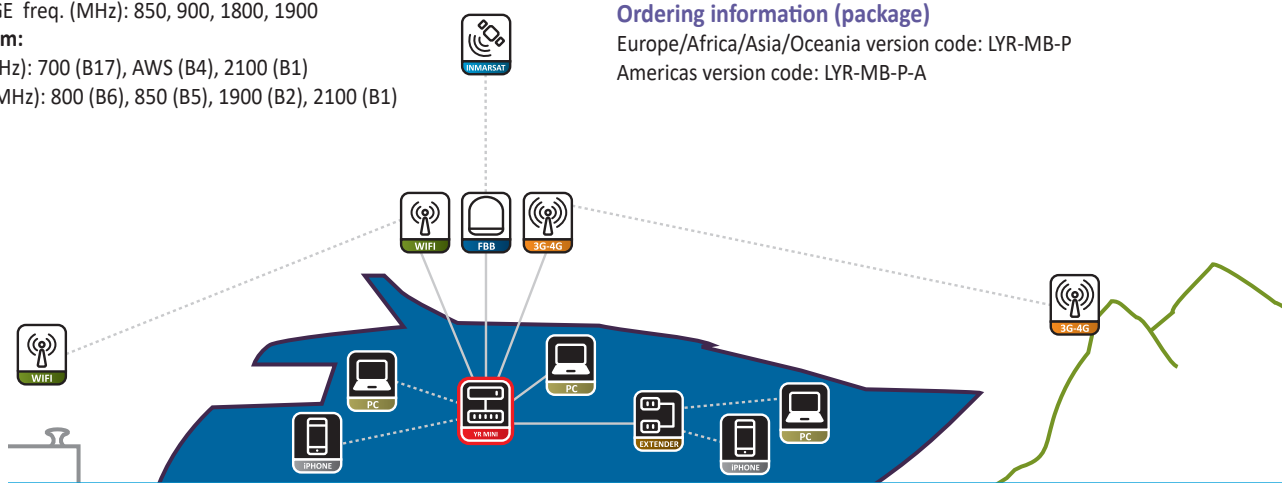
Hotspot: no
 Hotspot supported on Client-to-Vessel WiFi networks: not available
 WAN Auto-switching: no
 Online Remote Support: yes
 Selectable WAN source for each vessel network: yes
 Detailed usage statistics: yes
 Flexible assigning of LAN ports to vessel WiFi networks: yes
 Customizable WiFi power output: yes
 Mobile Network Bonding: not available

Cloud Service

Available remote user accounts: 2
 Number of reachable on-board devices: unlimited

Ordering information (package)

Europe/Africa/Asia/Oceania version code: LYR-MB-P
 Americas version code: LYR-MB-P-A



Local Dealer: