

### WIFI EXTENDER

4G BOOSTER  
S E R I E S



WIFI Extender is a device that will help you to extend Vessel Network WIFI coverage on larger boats or yachts. It is connected to Yacht Router via single PoE (Power over Ethernet) cable for simultaneous power and data transfer. Each WIFI Expander is equipped with four additional LAN ports so you can easily connect more WIFI Extenders or other devices. If you need multiple WIFI Extenders you can use star or chain topology to provide connectivity no matter the size of your vessel. WIFI Extender is essential part of Yacht Router network infrastructure solution.

- high power Client-to-Vessel WIFI module
- integrated Client-to-Vessel WIFI network antenna
- 4x GbE LAN port (for WIFI Extender, LAN Expanders or other devices)
- flexible assigning of LAN ports to vessel WIFI networks
- powered directly from Yacht Router unit via PoE cable
- multiple PoE injector power outputs
- wide range DC power input (10-30 V)
- fire retardant ABS enclosure



Compact fire-retardant ABS wall mount enclosure.

## Specifications

### WAN, LAN, Backbone networks

Ethernet WAN ports: not available  
Ethernet LAN ports: 1-4 (customizable)  
Backbone LAN ports: 1-5 (customizable, port 1 is PoE Backbone)  
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: 4

### Vessel-to-Shore WIFI booster

Not available.

### Client-to-Vessel WIFI

Max. number of networks: depends on connected Yacht Router  
Supported standards: b/g/n  
Max. data rates (Mbps): 100  
Max. transmit power (dBm): 30  
Max. transmit power (mW): 1000  
Sensitivity of included antenna (dB): 2.5 (integrated)  
Antenna connector type (on device): not available

### Mobile network

Not available.

### 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): 7  
Operating temperature range (°C): -10 to +60  
Operating humidity range (% non-condensing): 5-95  
Enclosure material: fire retardant ABS  
Enclosure mount type: wall  
IP Protection: IP50  
Dimension (mm, WxDxH, without antennas): 177 x 160 x 60

### Software features

Hotspot: depends on connected Yacht Router  
Hotspot supported on Client-to-Vessel WIFI networks: depends on connected Yacht Router  
WAN Auto-switching: not available  
Online Remote Support: yes  
Selectable WAN source for each vessel network: not available  
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: not available  
Number of reachable on-board devices: not available

### Ordering information (package)

Code: LYR-WXB-P

Local Dealer:

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