WIFI EXTENDER

4G BOOSTER SERIES

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 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): 300
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: