

LAN EXPANDER

4G BOOSTER
S E R I E S



LAN Expander is a device that will expand Yacht Router with five additional LAN ports. Each LAN port can be flexibly assigned to Vessel Networks of your choice. As LAN Expander is equipped with Power over Ethernet Backbone port separate power source is not necessary. LAN Expander is very useful device when you need multiple LAN ports on remote locations as you do not have to install multiple LAN cables.

- 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)



Compact aluminum robust 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

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): 5
Operating temperature range (°C): -10 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 89 x 52

Software features

Hotspot: not available
Hotspot supported on Client-to-Vessel WiFi networks: not available
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: not available
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-LXB-P