

NETWORK EXTENDER

SERIES 5

The easiest way to stay online.

Network Extender is a device that will help you to extend Vessel Network coverage (WIFI/LAN) on larger vessels. It is PoE device that simplify installation. Each Network Extender is equipped with five Ethernet ports. Each port can be assigned to Vessel Network of your choice. If you need multiple Network Extenders on your vessel, you can add multiple units using star or chain topology. WIFI Extender is essential part of Yacht Router network infrastructure system.

LAN, Backbone ports

Total number of Ethernet ports: 5
Ethernet Backbone ports: up to 5 (min. 1)
Ethernet Vessel Networks (LAN): up to 4
Max. data rate on each Ethernet port: 1 Gbps

Vessel networks (WIFI/LAN)

Max. number of networks: depending on Yacht Router
Supported standard: 2.4 GHz (b/g/n), 5 GHz (a/n/ac)
Max. WIFI data rates on 2.4 GHz: 300 Mbps
Max. WIFI data rates on 5 GHz: 1733 Mbps
Max. WIFI transmit power on 2.4 GHz: 29/794 dBm/mW
Max. WIFI transmit power on 5 GHz: 33/1995 dBm/mW
Sensitivity of integrated antenna (2.4/5 GHz): 1.5/1.5 dB

Power, environment and dimensions

DC power supply input range: 12-30 V
Max. power consumption: 16 W
Operating temperature range: -30 to +50 °C
Operating humidity range: 5-95 % non-condensing
IP Protection: IP30
Dimension (WxDxH, without antennas): 150 x 100 x 48 mm

Ordering information

Network Extender: NE-S05

