

Blue Line Marine Ethernet Switch-8800



Model 1



Model 2



BLUE LINE
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
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Blue Line Marine Ethernet Switch-8800

Highlights

The Blue Line Marine Ethernet Switch-8800 gives you stable and secure network connectivity across onboard systems. Built for marine environments, it ensures reliable communication between navigation, automation and bridge equipment where uptime and network stability are critical.

Consistent Ethernet connectivity across multiple devices keeps data flowing between navigation, control and automation systems.

Both basic network distribution and more advanced configurations are supported, giving flexibility to design your vessel network according to your setup.

Designed for continuous operation at sea, performance remains stable under vibration, humidity and temperature variations.

A rugged metal housing combined with a fanless design supports reliable operation in harsh onboard conditions where system stability is essential.

Deployment is possible in both compact and large-scale vessel network architectures depending on your requirements.

Redundant power inputs and an industrial-grade design increase operational security and reduce the risk of network downtime.

Integration into existing vessel systems is straightforward without requiring major infrastructure changes.

- Marine 8 x port Fast Ethernet switch
- Up to 2 x 1GbE RJ-45 or Fiber Optic Links
- L2 NMS Managed functions
- X-Ring - Network Redundancy Protocol
- IP30 Metal enclosure
- General-purpose service ethernet port

Specifications

Model Type



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Marine switch

Form Factor

SFF / small form factor conduction cooled

Construction

Metal

Cooling

Fanless

Environment

Operating Temperature	– 15°C to + 55°C
Humidity	5% to 95% (non condensing)

Certification

Build to meet Marine standards
CE & FCC

Input / Output

	8 x 10/100BASE-T/TX via RJ-45 Port
Model 1	1 x Ground screw
	6-pin Terminal block
	8 x 10/100BASE-T/TX via RJ-45 Port
	2 x 1Gb via RJ-45/SFP (mini-GBIC) Combo port
Model 2	1 x Consult port
	1 x Ground screw
	6-pin Terminal block



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Special Function

Model 1	Supports 10/100 Mbps Auto-Negotiation
	Support Redundancy: X-Ring
	Unmanaged switch
	IXM function enables fast deployment
	Able to Manage by software
	Support Redundancy: X-Ring
Model 2	L2 full managed functions
	Security: 802.1x (Port Based, MD5/TLS/TTLS/PEAP Encryption), RADIUS
	Management: SNMP v1/v2c/v3, WEB, Telnet, Standard MIB, Private MIB

Power Supply

+24V DC-in with redundant power input (+12 to +48V acceptable)

Power Consumption

Model 1	4.71W
Model 2	12.1W

Dimension and Weight

Model 1	
Dimension	H 140.0 x W 30.0 x D 95.0 mm
Dimension with TB & DIN-rail kit	H 150.2 x W 30.0 x D 104.0 mm
Net weight	1.5kg
Model 2	
Dimension	H 152.0 x W 74.0 x D 105.0 mm
Dimension with TB & DIN-rail kit	H 161.9 x W 74.0 x D 114.0 mm
Net weight	3.5kg



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Accessories

DIN-rail kit

Warranty and After Sales Support

Standard 1 year (option for 3 years)



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