LD Series
Compact Wi-Fi Bridges

Models: LD-70, LD-7000ac

1 YEAR WARRANTY

BUILT FOR aigeanOS

Connect your vessel's network to the internet via ship-to-shore Wi-Fi connection

Wi-Fi bridges are designed to improve signal strength and quality when connecting to marin, hotel, home, and business neworks over traditional direct-from-device connections.

Weatherproof
Designed and built to withstand rigorous marine environments

Dual-Band Wi-Fi
Support for the fastest, modern Wi-Fi standards

MIMO Capable
Multiple in/out RF connections maximize transfer speeds

Ultra-fast CPU
Capable of lightning-fast data processing and large user pool handling

Power-over-Ethernet
A single-cable design simplifies installation and power requirements

High Throughput
Experience the best Wi-Fi data rates of any product in its class

ⓘ Wi-Fi bridges, also referred to as clients, are powerful, ship-to-shore Wi-Fi connection devices that operate similarly to a cable or cellular modem. The **LD Series** of Wi-Fi bridges are the ideal choice for powerful results in a compact package.

Why do I need a Wi-Fi Bridge?

In most cases, marina Wi-Fi speeds are far superior to those of cellular and satellite. In most locations, Wi-Fi is a free amenity. A Wi-Fi bridge utilizes these infrastructures to supply fast, reliable internet to the entire vessel.

LD Series Technical Specifications

Models	LD-70		LD-7000ac	
Wi-Fi	📶 2.4 GHz	📶 5 GHz	📶 2.4 GHz	📶 5 GHz
Protocol(s)	Wi-Fi 4 802.11b/g/n	Wi-Fi 4 802.11a/n	Wi-Fi 4 802.11b/g/n	Wi-Fi 5 802.11a/n/ac
Antennas (internal)	2	2	3	3
Tx Power	≤27 dBm (500 mW)	≤27 dBm (500 mW)	≤30 dBm (1000 mW)	≤28 dBm (630 mW)
Throughput (Max)	300 Mbps	600 Mbps	450 Mbps	1.3 Gbps
System Information				
Mainboard / CPU	QCA9563 (600 MHz)		AR9342 (775 MHz)	
Memory Information	64 MB SDRAM, 16 MB NAND Flash		128 MB DDR2, 16 MB NOR Flash	
Physical				
LAN Interface	1 x RJ-45 (10/100/1000 Gigabit Ethernet)			
Enclosure Size	7" x 7" x 5.25" (178mm x 178mm x 133mm)			
Weight (device)	4 lbs (1.81 kg)			
Enclosure Characteristics	Dome: High-quality white gel-coated fiberglass Base: Anodized aluminum, 1"-14 threaded for antenna mount			
Power				
Input	IEEE 802.3at (48V PoE+)			
Consumption	30W (max)			
Environmental				
Operating Temperature	-40°F to +158°F (-40°C to +70°C)			
Operating Humidity	5 to 95% Condensing			
Shock and Vibration	ETSI300-019-1.4			
Environmental Resistance	💧 IP65 (NEMA 4)			
Package Contents				
	LD Series device, 25' Ethernet non-removable pigtail, AC to PoE+ (802.3at) injector, quick start guide ⚠ 1"-14 antenna mount is **NOT** supplied with the kit			
Warranty				
	🛡 1-Year limited warranty with lifetime phone support			

Rep / Dealer / Distributor

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