



MAP SERIES

MARINE ACCESS POINTS



Aigean Marine Access Points

Aigean has developed a line of specialized wireless access points called Marine Access Points, or MAPs, for providing high-performance local wireless networks onboard. MAPs allow for redistribution of the vessel's Internet connection for tablets, phones, and laptops to connect to from anywhere on or in the vicinity of the vessel. Install a single MAP on smaller vessels, or multiple on larger ones.

Setup and management of a MAP is conducted through the AigeanOS interface of an Aigean Wi-Fi Client. Once a MAP is installed and powered on, it will be automatically detected by your Wi-Fi client and appear in the Access Points menu item. From there, the SSID and encryption of the wireless network(s) can be changed.

Contact Aigean to determine count and positioning required for optimum vessel coverage.

MAP Series Highlights



Easy Setup



AigeanOS Compatible



High Throughput



Power over Ethernet



MIMO Antennas

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MAP Series Models



MAP2

Band 2.4GHz
Radio 100mW



MAP7

Band 2.4/5GHz
Radios 1000mW/160mW

	MAP2	MAP7
System Information		
Processor	Atheros MIPS 74Kc, 550MHz	
Memory	128MB SDRAM, 8MB Flash	128MB SDRAM, 16MB Flash
Networking Interface	1 x 10/100 BASE-TX (Cat 5, RJ-45) Ethernet	2 x 10/100/1000 BASE-TX (Cat 5, RJ-45) Gigabit Ethernet
Radio (2.4 GHz)		
Protocol(s)	802.11b/g/n Wi-Fi with MIMO (2x2)	802.11b/g/n Wi-Fi with MIMO (3x3)
Tx Power	≤20 dBm (100 mW)	≤30 dBm (1W)
Rx Sensitivity	minimum -96 dBm	
Antennas	2x Integrated 3 dBi Omni	3x Integrated 5 dBi Omni
5 GHz Radio		
Protocol(s)	N/A	802.11a/n Wi-Fi with MIMO (2x2)
Tx Power	N/A	≤22 dBm (160 mW)
Rx Sensitivity	N/A	minimum -96 dBm
Antennas	N/A	2x Integrated 4 dBi Omni



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Disclaimer: All products, product specifications and data are subject to change without notice to improve reliability, function, design or otherwise.

Performance Notice: Actual performance may vary. The standard transmission rates described are the physical data rates and actual data throughput will be lower. Factors affecting signal strength and quality include localized radio frequency interference, obstacles impeding clear line-of-sight, antenna positioning, access point hardware/configuration, and atmospheric conditions, among many others.

Regulatory Compliance: The specified transmit (Tx) power is the maximum output power the radio hardware is capable of producing. The device's firmware controls power limits based on established country-specific regulations to ensure safe and legal operation around the world. All devices are defaulted by the factory to operate in the United States of America, in compliance with all applicable FCC rules and regulations.