



AN Series

Premium Wi-Fi Bridges

Models: AN-7000ac



BUILT FOR
aigeanOS



Connect a vessel's local 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 marina, hotel, home, and business networks over traditional direct-from-device connections.



High-Gain Antennas

Cut through the noise with the best Marine antenna, Comrod



Dual-Band Wi-Fi

Support for the fastest, modern Wi-Fi standards



MIMO Capable

Multiple in/out RF connections maximize transfer speeds



Long Range

Maximize range with high output power and high-gain antennas



Ultra-fast CPU

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



High Throughput

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

① 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 **AN Series** models are complete with a premium kit of components, including two industry-leading Comrod antennas, offering the longest range among other products in their class.

Why use 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.

AN Series Technical Specifications

Models	AN-7000ac	
Wi-Fi	📶 2.4 GHz	📶 5 GHz
Protocol(s)	Wi-Fi 4 802.11b/g/n	Wi-Fi 5 802.11a/n/ac
Antennas	2	2
Tx Power	≤30 dBm (1000 mW)	≤27 dBm (500 mW)
Throughput (Max)	300 Mbps	860 Mbps
System Information		
Mainboard / CPU	AR9342 (775 MHz)	
Memory Information	128 MB DDR2, 16 MB NOR Flash	
Physical		
LAN Interface	1 x RJ-45 (10/100/1000 Gigabit Ethernet)	
RF Connectors	4x N-type Male connectors (two for each radio/band)	
Enclosure Size	9.9" x 6.9" x 2.2" (252mm x 175mm x 55mm)	
Weight (device)	4lbs (1.81 kg)	
Enclosure Characteristics	Powder coated die cast aluminum enclosure	
Power		
Input	DC 8V to 35V or 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		
AN Series device, 6' 12V power cable, 2x 4' Comrod Antennas, 2x 6" secondary antennas, 2x 25' LMR-400 cables, 2x N-Male connectors, quick start guide		
Warranty		
🛡️ 2-Year limited warranty with lifetime phone support		

Rep / Dealer / Distributor



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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.