

Getting away from it all shouldn't mean leaving the Internet behind ...



Reliability and a user friendly, web-based interface are among the many reasons why the Wave WiFi EC-Series is the number one choice for mobile, wireless Internet access among boat owners and crew members worldwide.

Each component of Wave WiFi's EC-Series is designed and engineered for the marine environment. All Wave WiFi products are designed for high receive sensitivity and transmitter output meaning Internet connections are possible up to several miles from a public access point (HotSpot).

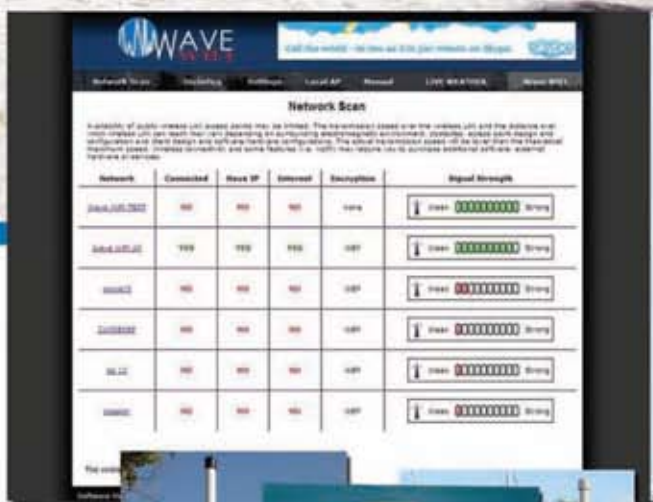
Since every Wave WiFi model is an Ethernet converter (EC), a direct connection can be made to any Ethernet enabled device resulting in flawless performance as a stand alone system or integrated into the ship's network.

Wave WiFi's popular features include:

- ♦ WEP, WPA and WPA2 encryption
- ♦ A unique integrated 'help' system.
- ♦ FREE online firmware upgrades
- ♦ FREE iMap™ - CLEARPOINT™ Global Weather
- ♦ One-year written limited warranty

With Wave WiFi there is no software to install, no USB restrictions and no power-robbing USB connections. This means better performance for plug-and-play laptop accessories like SKYPE™ phones and webcams.

Wave WiFi is the cost effective way to get connected and stay connected.



Contact Your Marine Electronics Dealer or Visit: www.wavewifi.com

Manufactured and Distributed by GEOSat Solutions, Inc.

2 Oakwood Blvd. - Suite 195 - Hollywood, FL 33020-1962 - Int'l: 954-922-9585 - Toll Free: 800-831-9818



Wave WiFi EC-Series Specifications

EC characteristics

802.11 standard
 Transmit output
 Receiver sensitivity @ 11Mb/s
 Receiver sensitivity @ 2Mb/s
 Antenna connection
 DC operating voltage
 Power consumption
 PoE 802.3af available for 110/220v operation
 Range of suitable hot spot

	EC-COMET	EC-LITE	EC-ER	EC-HP
802.11/b/g	802.11/b/g	802.11/b/g	802.11/b/g	802.11/b/g
+28dBm (620mW)	+26dBm (400mW)	+29dBm (800mW)	+30dBm (1Watt)	
-89dBm	-89dBm	-87dBm	-107dBm	
-93dBm	-93dBm	-90dBm	-111dBm	
Internal 10dBi antenna	RP-TNC Female	N Female	N Female	
PoE 12 volts	12 volts to 16 volts	12 volts to 32 volts	12 volts to 32 volts	
15 Watts	15 Watts	25 Watts	25 Watts	
N/A	yes	yes	yes	
up to 5 miles	up to 5 miles	up to 10 miles	up to 12 miles	

EC-AP characteristics

802.11 standard
 Bridge Transmit output
 Bridge: Receiver sensitivity @ 11Mb/s
 Bridge: Receiver sensitivity @ 2Mb/s
 Bridge: Antenna connection
 AP: Transmit output
 AP: Receiver sensitivity @ 11Mb/s
 AP: Receiver sensitivity @ 2Mb/s
 AP: Antenna connection
 DC operating voltage
 Power consumption
 PoE 802.3af available for 110/220v operation
 Range of suitable hot spot

	EC-AP-ER	EC-AP-HP
802.11/b/g	802.11/b/g	802.11/b/g
+29dBm (800mW)	+30dBm (1Watt)	+30dBm (1Watt)
-87dBm	-107dBm	-107dBm
-90 dBm	-111dBm	-111dBm
N female	N female	N female
+24dBm (250mW)	+24dBm (250mW)	+24dBm (250mW)
-89dBm	-89dBm	-89dBm
-93dBm	-93dBm	-93dBm
RP-TNC female	RP-TNC female	RP-TNC female
12 volts to 32 volts	12 volts to 32 volts	12 volts to 32 volts
25 Watts	25 Watts	35 Watts
yes	yes	yes
up to 10 miles	up to 10 miles	up to 12 miles

EC-X and EC-AP-X

The X models are designed for extended antenna cable runs of up to 120 feet. The X models utilize an in-line amplifier located at the base of the antenna. Performance characteristics are the same as the HP models.

All Wave WiFi models are shipped as complete systems and, with the exception of the COMET and LITE, are intended to be installed by qualified marine electronics technicians.

*Actual distance may be affected by the strength and quality of the HotSpot signal, as well as having a clear line-of-site to the boat.

Availability of public wireless LAN access points may be limited. The transmission speed over the wireless LAN and the distance over which wireless LAN can reach may vary depending on surrounding electromagnetic environment, obstacles, access point design

Contact Your Marine Electronics Dealer or Visit: www.wavewifi.com

Manufactured and Distributed by GEOSat Solutions, Inc.

2 Oakwood Blvd. - Suite 195 - Hollywood, FL 33020-1962 - Int'l: 954-922-9585 - Toll Free: 800-831-9818