

# When WiFi connectivity matters count on The Professionals



Wave WiFi pioneered extended range, wireless Internet access for marine use. Today the Wave WiFi name is synonymous with cost effective, reliable and, most importantly, easy to use WiFi connectivity.

From the smallest runabout and sailboat to the megayacht and large commercial vessel, there is a Wave WiFi product to get you online when you are on the water.

Wave WiFi - Extended range, wireless Internet access engineered by professionals, manufactured by professionals and supported by professionals.

## All Wave WiFi EC-Series models feature:

- ◆ 8 models from which to choose for vessels of all sizes
- ◆ User friendly, web-based interface - NO software to install
- ◆ High receive sensitivity and transmitter output
- ◆ Easily scan, select and connect to access points
- ◆ User designated 'favorite' access points
- ◆ Compatible with all operating systems
- ◆ No USB cable restrictions and no power-robbing USB connections
- ◆ A direct connection can be made to any Ethernet enabled device
- ◆ The EC-AP models have a built-in access point ('HotSpot')



**NEW Rogue  
Wave Pro**



**Wave WiFi EC-Series  
EC-AP-HP**



**New Wave WiFi  
Marine Broadband Router**

**Wave WiFi - The Professionals for Wireless Connectivity**

Contact Your Marine Electronics Dealer or Visit: [www.wavewifi.com](http://www.wavewifi.com)

Manufactured and Distributed by GEOSat Solutions, Inc.

1 Oakwood Blvd. - Suite 140 - Hollywood, FL 33020 - 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-ROGUE**  
 802.11/b/g  
 +29dBm (800mW)  
 -92dBm  
 -96dBm  
 N Male  
 PoE 12 volts  
 8 Watts  
 Standard  
 up to 7 miles

**EC-ER**  
 802.11/b/g  
 +29dBm (800mW)  
 -92dBm  
 -96dBm  
 N Female  
 12 volts  
 25 Watts  
 N/A  
 up to 10 miles

**EC-HP**  
 802.11/b/g  
 +30dBm (1Watt)  
 -107dBm  
 -111dBm  
 N Female  
 12 volts  
 35 Watts  
 N/A  
 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: Antenna connection  
 DC operating voltage  
 Power consumption  
 PoE 802.3af available for 110/220v operation  
 Range of suitable hot spot

**EC-AP- ER**  
 802.11/b/g  
 +29dBm (800mW)  
 -92dBm  
 -96dBm  
 N female  
 +24dBm (250mW)  
 RP-TNC female  
 12 volts  
 25 Watts  
 N/A  
 up to 10 miles

**EC-AP-HP**  
 802.11/b/g  
 +30dBm (1Watt)  
 -107dBm  
 -111dBm  
 N female  
 +24dBm (250mW)  
 RP-TNC female  
 12 volts  
 35 Watts  
 N/A  
 up to 12 miles

**EC-X and EC-AP-X**  
 The X models are designed for extended antenna cable runs of up to 100 feet.  
 The X models utilize an in-line amplifier located at the base of the antenna.  
 The performance characteristics are the same as the HP models.

All Wave WiFi models are shipped as complete systems and, with the exception of the ROGUE WAVE, are intended to be installed by qualified marine electricians.

\* 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.

As we strive for constant product improvement, prices and specifications are subject to change without notice.

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.

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