

At WAVE WiFi We're More Than Just Internet Access



Wave WiFi's EC-Series is the number one choice for mobile, wireless Internet access among boat owners and crew members worldwide. The reasons are quite simple; Wave WiFi users access the Internet wirelessly from the comfort of their boats using a web-based interface that scans, locates and connects to the strongest public Internet access point (HotSpot). No more long trips down the dock. No more dingy rides to shore. Wave WiFi's EC-Series delivers those weak or far away WiFi signals to your boat.

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



Whether it is the Rogue Wave or the high-power EC with built-in, local access point, all Wave WiFi models are Ethernet converters meaning a direct connection can be made to any Ethernet enabled device. The result is flawless performance of the Wave WiFi EC-Series as a standalone system or integrated into the ship's network.



Wave WiFi also offers a complete line of marina access points. Often a marina's advertised wireless Internet access (HotSpot) is nothing more than a household router in the office or marine store. Simple tasks like checking email require leaving the boat with your laptop and getting within the router's limited signal range. Wave WiFi solves the problem with a wide range of easy-to-use, plug and play access points designed specifically for marinas.

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

Wave WiFi's standard features include:

- ♦ Proprietary web-based Interface
- ♦ No software to install
- ♦ Works with any Ethernet enabled device
- ♦ WEP, WPA and WPA2 encryption
- ♦ A unique integrated 'help' system.
- ♦ FREE online firmware upgrades
- ♦ FREE iMap™ Global Weather
- ♦ One-year written limited warranty

Manufactured and Distributed by GEOSat Solutions, Inc.

1 Oakwood Blvd. - Suite 140 - Hollywood, FL 33020-1937 - 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 Female
 PoE 12 volts
 8 Watts
 yes
 up to 7 miles

EC-ER
 802.11/b/g
 +29dBm (800mW)
 -87dBm
 -90dBm
 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
 25 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: 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
 802.11/b/g
 +29dBm (800mW)
 -87dBm
 -90 dBm
 N female
 +24dBm (250mW)
 -89dBm
 -93dBm
 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)
 -89dBm
 -93dBm
 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 sight 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

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

Manufactured and Distributed by GEOSat Solutions, Inc.

1 Oakwood Blvd. - Suite 140 - Hollywood, FL 33020-1937 - Int'l: 954-922-9585 - Toll Free: 800-831-9818