



# WAVE WIFI EC-SERIES

## 2011 Technical 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.