



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.