



## RP-WR1201G/5 RP-WR1201G RP-WR1201 RP-WR1201/5

- RP-WR1201G/5 Auto-gain Booster 500mW 2.4GHz Booster for 802.11g  
DC injector, w/ RG316 30cm cable with SMA PLUG<sub>i</sub>@<sub>j</sub>@<sub>j</sub>@
- RP-WR1201G Auto-gain Booster 1W 2.4GHz Booster for 802.11g  
DC injector, w/ RG316 30cm cable with SMA PLUG<sub>i</sub>@
- RP-WR1201 Auto-gain out-door Booster 1W 2.4GHz for 802.11b
- RP-WR1201 /5 Auto-gain out-door Booster 500mW 2.4GHz for 802.11b



The device is an outdoor solution bi-directional Amplifiers designed for 2.4 GHz wireless LAN. It comes with an easy plug-and-play installation, which works together with an indoor Wireless Access Point to improve its operation range and performance. The unit is ideal for use with 2.4 GHz Frequency Hopping or Direct Sequence Spread Spectrum radio modems and 11 Mbit/sec IEEE 802.11b devices. The amplifiers increase range by providing transmit gain as well as low-noise receive gain. This receive gain increases the receive sensitivity of wireless LAN Access Point.

### FEATURES

- Maximizing broadband and distance in wireless communication
- High gain, high value, high performance
- Support point to point connectivity for long distance without the use of cable
- Lightning protection
- Cast aluminum construction

### SPECIFICATIONS

Operating Range	2400 -2500 MHz
Operating Mode	Bi-directional, half-duplex Time Division Duplex. Senses RF carrier from transmitter and automatically switches from receive to transmit mode
Transmit Gain	30 dB max.(automatically adjusted)
Frequency Response	+/-1 dB over operating range
Output Power	500mW; 1000mW normal
TX Input Power	(0 dBm) minimum, up to (+20 dBm) maximum
Receiver Gain	15 dB typical
Noise Figure	3.5 dB typical
Connectors	N-type, female, 50 Ohm
Lightning Protection	Direct DC ground at antenna connector
DC Surge Protection	at 6 VDC input from transmission cable
Power Consumption	1 A @ 6V DC or 105 -240V AC from power supply
Dimensions	Bi-directional amplifier: 4.92"L x 2.76" W x 1.02" H 5V/1A DC injector: 3.14"L x 2.23" W x 1.02" H
Operating Temperature	Bi-directional amplifier: -20 C to + 70 C 5V/1A DC injector: -30 C to + 70 C
Humidity	up to 100% Relative Humidity 5V DC injector: 10% to 75% Relative Humidity