



>>RP-WR1102G/1  
>>RP-WR1102G  
>>RP-WR1102G/5

## Wireless-G Fix-Gain Booster

The device is an indoor solution bi-directional Amplifiers designed for 2.4GHz 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 2.4GHz Frequency Hopping or Direct Sequence Spread Spectrum radio modems and 11Mbps 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.

## Feature

- Lower power, low cost and light weight
- Plug and play
- High gain and high performance
- Make indoor true wireless
- Enjoy broadband wireless everywhere

## Specification

<b>Operating Range</b>	• 2400~2500 MHz
<b>Operating Mode</b>	• Bi-directional, half-duplex, time division duplex senses RF carrier from transmitter and automatically switch receiving to transmitting mode
<b>Connector Type</b>	• SMA Receptacle (50 ohm)
<b>Transmit Gain</b>	• 15dB (Adjustable)
<b>Input Trigger Power</b>	• 5 ~20 dBm
<b>Optimal Input Power</b>	• 9 ~ 13 dBm
<b>Receiver Gain</b>	• $\leq 12$ dBm
<b>Noise Figure</b>	• 3.5dB typical
<b>Frequency Response</b>	• $\pm 1$ dB over operating range
<b>Power Adaptor</b>	• External power Adapter DC7V 2.14A
<b>Environment</b>	• Operating Temperature: Bi-directional Amplifier: -20°C ~ 70°C • Humidity Temperature: Up to 100% Relative Humidity
<b>Dimension</b>	• Bi-directional Amplifier: 78 * 56 * 29 mm