

## RP- WR1201G

### Wireless 2.4GHz Auto-Gain Booster

The outdoor solution—a bi-directional Amplifier is 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 to use with 2.4GHz Frequency Hopping, Direct Sequence Spread Spectrum radio modems and 11Mbps IEEE 802.11b devices. The amplifiers increases 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

- Max. broadband and distance in wireless communication
- High gain, high value and high performance
- Support point to point connectivity for long distance without the use of cables
- Reduce ambient noise and provide superior signal strength
- Lightning protection

### Specifications

<b>Operating Range</b>	• 2400~2500 MHz
<b>Operating Mode</b>	• Bi-directional, half-duplex, auto-switching via carrier sensing
<b>Connector Type</b>	• N-type, female (50 ohm)
<b>Transmit Gain</b>	• 30dB Max. (Automatically adjusted)
<b>Tx Input Power</b>	• 0 ~20 dBm
<b>Output Power</b>	• 1W (30 dBm) nominal
<b>Receiver Gain</b>	• 15 dBm typital
<b>Noise Figure</b>	• 3.5dB typical
<b>Frequency Response</b>	• $\pm 1$ dB over operating range
<b>Lightning Protection</b>	• Direct DC ground at antenna connector
<b>DC Surge Protection</b>	• At DC input from transmission cable
<b>Power Adaptor</b>	• External power Adaptor DC12V 1A
<b>Environment</b>	• Operating Temperature: Bi-directional Amplifier: -10°C ~ 40°C • Operating Humidity: Up to 95%

## Ordering information

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