

RP-WR1201G**Wireless 2.4GHz Fix-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.

Feature

- 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

Specification

Operating Range	• 2400~2500 MHz
Operating Mode	• Bi-directional, half-duplex, auto-switching via carrier sensing
Connector Type	• N-type, female (50 ohm)
Transmit Gain	• 30dB Max. (Automatically adjusted)
Tx Input Power	• 0 ~20 dBm
Output Power	• 1W (30 dBm) nominal
Receiver Gain	• 15 dBm typical
Noise Figure	• 3.5dB typical
Frequency Response	• ± 1 dB over operating range
Lightning Protection	• Direct DC ground at antenna connector
DC Surge Protection	• At DC input from transmission cable
Power Adaptor	• External power Adaptor DC9V 2A
Environment	• Operating Temperature: Bi-directional Amplifier: -20°C ~ 70°C • Operating Humidity: Up to 95%
Dimension	• Outdoor Unit : 115 * 65 * 48mm • DC Injector: 115 * 65 * 48mm

Application



Ordering information

- RP-WR1201G Wireless 2.4GHz Auto-Gain 1W Booster
- RP-WR1201G/40 Wireless 2.4GHz Auto-Gain 4W Booster