

Indoor Fixed-Gain Booster

Congratulations on your purchase of the booster for 802.11b or 802.11g/b network product

This device can increase the effective range and coverage area of the 802.11b or 11g network. The added strength signal also helps speed up your close-range communications.

To install, just remove the antenna from Access Point and connect the AP to the booster with the RG316 cable, no drivers or any modifications are necessary during your setup.

The signal booster saves wiring costs and helps to build corporate wireless

infrastructure by driving signals even into those distant, reflective corners and hard-to-reach areas. And it's perfect for covering large areas in warehouse environments, public spaces and hotspots--anywhere you need extra coverage for your wireless LAN.

Package includes

- Booster
- User Manual
- AC Adapter
- RG 316 Cable

Features

- Die Casting Aluminium for better heat exchanger
- Signal activity LED
- Stronger signal improves throughput for both of the Access Point and WLAN card.
- One Year Limited Warranty

Electrical Specification

| | |
|----------------------|--|
| Operating Range | 2400--2500MHz |
| Operation Mode | Bi-Directional, half duplex, auto-switching via carrier sensing |
| Connector | SMA Receptacle, 50 ohm |
| Frequency Response | +/- 1dB over operating range |
| Input power | 6dBm (Min.), 20dBm (Max) for 802.11b product 6mW (Min.), 100mW (Max.) for 802.11g/b product |
| Output power | see the package |
| Transmit Gain | 17dBm nominal for 802.11b product 14dBm (adjustable) for 802.11g/b products |
| Receive Gain | 10dBm for 802.11b product 14dBm for 802.11g/b product |
| Receive Noise Figure | 3.5dBm nominal |

Mechanical Specification

| | |
|-----------------------|---|
| Operating Temperature | - 20 to + 70°C |
| Operating Humidity | up to 95% relative humidity |
| Power Adapter | 6V DC max. current <650mA, 100--240V AC for 802.11b product 6V DC max. current <1A, 100--240V AC for 802.11g/b product |
| Output power option | 100mW/200mW/500mW each for 802.11b product 100mW/200mW/500mW each for 802.11g/b product |

Overall Dimensions

| | |
|------------|--|
| Booster | 3.0 x 2.2 x 1.1 inch (7.8 x 5.6 x 2.9cm) |
| DC Adaptor | 2.5 x 1.8 x 1.1 inch (6.0 x 4.4 x 2.5cm) |

Weight

| | |
|---------------|----------------|
| Booster | <0.5lb / 200 g |
| DC Adaptor | <120 g |
| LED indicator | TX LED |