



## Indoor 11b/g Wireless Booster (1W)



WBO-0100

H/W Version: 1

### Looking for a boost?

The new series of WiFi signal boosters give you a huge increase in distance when building a wireless network. Whether you're looking to deploy in AP mode, giving basic wireless connectivity to devices on the network, or if you want to deploy a long distance wireless bridge between 2 buildings, these boosters provide the extra power needed to maximize your wireless network.

### 30dBm (1W)

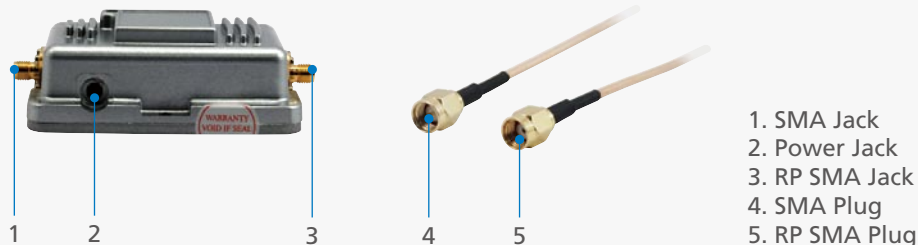
WBO-0100 provides a massive power boost of 1W. When combined with high-gain antennas, you can amplify the signal of a common wireless

access point to create strong wireless signals that can cover a large indoor network. Great for shopping malls or airports that require extended distances. No need to add several access points when WiFi boosters from LevelOne can get the job done cost-effectively.

### 802.11b/g Signals

WBO-0100 is compatible with 11b/11g networks, making it a simple and easy addition to any existing wireless networking infrastructure.

Note: The output power of these products may conflict with the wireless communication regulations in your country. Please check in advance before purchasing.



### Key Features

- Works with IEEE 802.11b/g wireless LAN devices
- Stronger output power increases your wireless coverage and throughput
- Use with detachable 2.4GHz antenna equipments
- Signal activity LED
- Easy to install, just plug in and play

### Works Well With



**WAP-3000**  
11g Wireless Access Point



**WBR-3408**  
54Mbps Wireless Router w/ QoS

## Technical Specification

### Standard

IEEE 802.11b

IEEE 802.11g

### Frequency Range

2.4GHz ~ 2.5GHz

### Operating Mode

Bi-Directional, Half-Duplex, Time Division Duplex

### Transmit Gain

Up to 15dB

### TX Output Power

Max: 1W

### Input Trigger Power

5 ~ 20dBm

### Optimal Input Power

9 ~ 13dBm

### Receiver Gain

≤12dBm

### Adapter Output Power Consumption

6V, 2.0A

### Noise Figure

3.5dB typical

### Frequency Response

± 1dB over operating range

### Connector Type

SMA receptacle (50 ohm)

### Operating Temperature

-20 to +70°C

### Operating Humidity

Up to 95% relative humidity

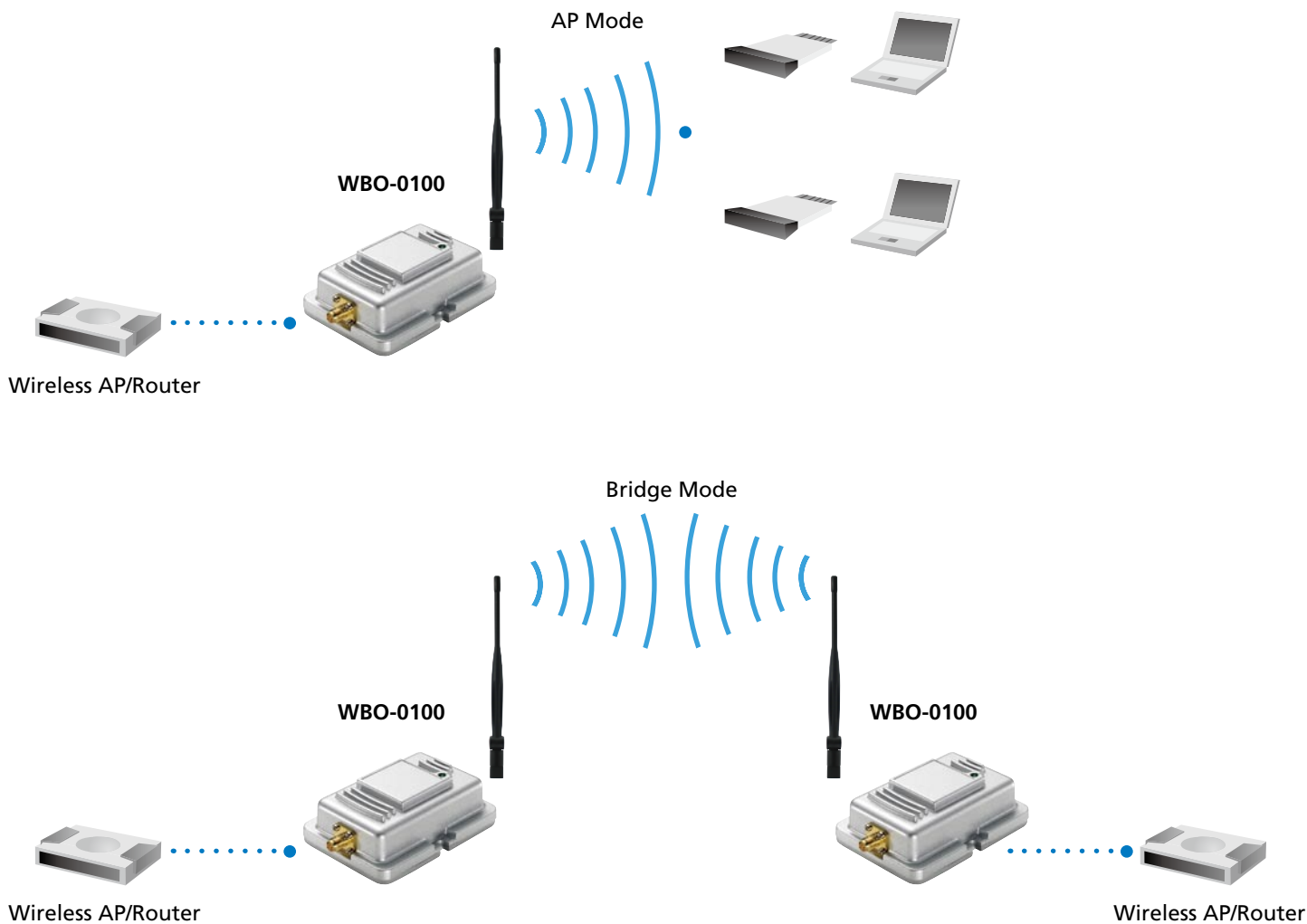
### Material

Cast Aluminum

### Dimensions (mm)

78 (L) x 56 (W) x 29 (H)

## Product Diagram



**Order Information**

**WBO-0100:** Indoor 11b/g Wireless Booster (1W)

**Package Contents**

WBO-0100

Antenna x 1

30cm RP SMA female to male Cable x 1

Power Adapter

Quick Installation Guide