



# Outdoor 11b/g WiFi Signal Booster (1W)



WBO-1100

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.

### High-power and outdoor use

WBO-1100 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 many kilometers.

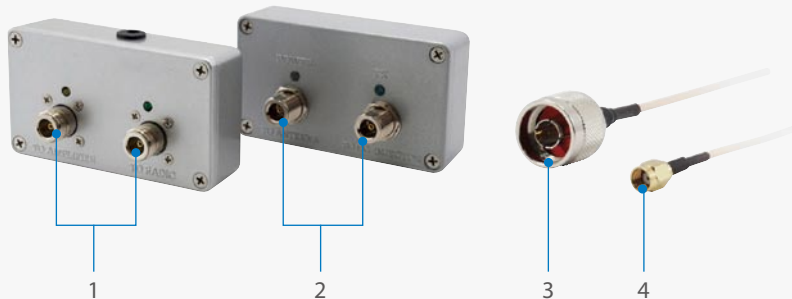
### 802.11b/g Signals

WBO-1100 is compatible with 11b/11g networks, making it a simple and easy addition to any existing wireless networking infrastructure.

### Includes DC injector

WBO-1100 includes a DC injector to create a robust signal to be sent over the wireless network.

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



- 1. N-Jack
- 2. N-Jack
- 3. N-Plug
- 4. RPSMA-Plug

### Key Features

- Strengthen radio signal to increase the effective range and coverage area for Wi-Fi communication
- Save wiring costs, easily build a wireless infrastructure for home or business use
- Simply attach the DC Injector with 2.4GHz radio signal input plus the DC power feed to the outdoor unit and N type antenna
- Make broadband wireless application in all possible coverage
- Increase AP's receiving sensitivity up to -100dB

### Works Well With



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



**WAN-2180**  
18dBi Directional Panel Outdoor Antenna



### Technical Specification

**Standard**

IEEE 802.11b

IEEE 802.11g

**Frequency Range**

2.4GHz ~ 2.5GHz

**Operating Mode**

Bi-Directional, Half-Duplex, Auto-Switching via Carrier Sensing

**Transmit Gain**

Up to 24dB

**TX Input Power**

0 ~ 20dBm

**TX Output Power**

Max: 1W

**Receiver Gain**

15dBm typical

**Adapter Output Power Consumption**

7V, 2.14A

**Noise Figure**

3.5dB typical

**Frequency Response**

± 1dB over operating range

**Connector Type**

N-type, female (50 ohm)

**Operating Temperature**

-20 to +70°C

**Operating Humidity**

Up to 95% relative humidity

**Material**

Cast Aluminum

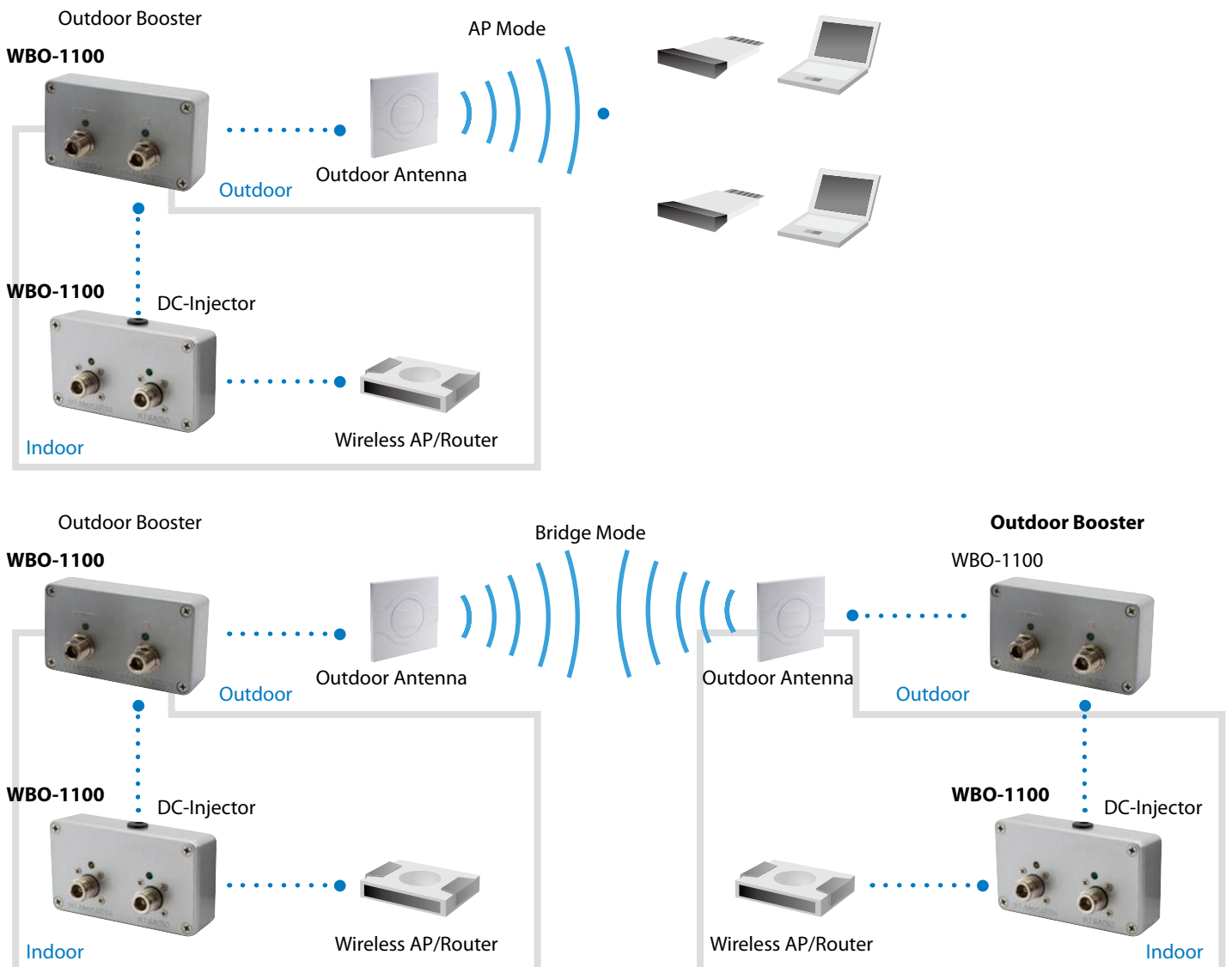
**Outdoor Unit (mm)**

115 (L) x 65 (W) x 48 (H)

**DC Injector (mm)**

115 (L) x 65 (W) x 48(H)

### Product Diagram



## Order Information

**WBO-1100:** Outdoor 11b/g WiFi Signal Booster (1W)

## Package Contents

WBO-1100  
DC Injector  
30cm RG 316 SMA female to N-Plug Cable x 1  
Mounting Kit  
Power Adapter  
Quick Installation Guide

## Optional Accessories



**ANC-2210**  
200 series N plug - N plug  
Cable 1m



**ANC-4230**  
400 series N Plug - N Plug  
Cable 3m