

**WBO-5100****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-5100 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.

**802.11a spectrum**

WBO-5100 is compatible with 11a networks, giving you stronger signals by operating on the 5GHz spectrum. 11a networks aren't as crowded as 11b/g, meaning your wireless traffic isn't easily affected by outside interference

**Includes DC injector**

WBO-5100 includes a DC injector to create a robust signal to be sent over the wireless network.

**Related Products**

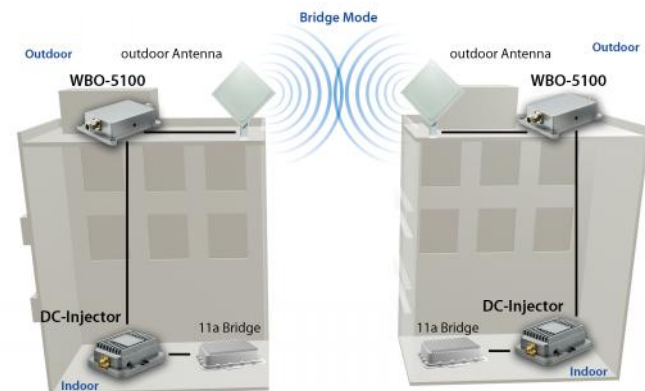
11a(5.500~5.825Ghz) 10dBi Omni -  
Direction Antenna Kit  
OAN-4100



11a 23dBi Directional Outdoor  
Panel Antenna  
WAN-4230

**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
- Give a massive boost in range for a standard 802.11a wireless signal
- The outdoor unit amplifies the signal of any 802.11a device up to 1 Watt in power
- Make broadband wireless application in possible coverage

**Product Diagram**

## WBO-5100

**Technical Specifications****Standard**

IEEE 802.11a

**Frequency Range**

5150 ~ 5850 MHz

**Operating Mode**

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

**Transmit Gain**

Up to 24dB

**TX Input Power**

0 ~ 15dBm

**TX Output Power**

Max: 1W

**Receiver Gain**

15dBm typical

**Noise Figure**

5dB typical

**Frequency Response**

± 1dB over operating range

**Adapter Output Power Consumption**

9V, 2.0A

**Connector Type**

SMA receptacle (50 ohm)

N-type, female (50 ohm)

**Operating Temp**

-20 to +70°C

**Operating Humidity**

Up to 95% relative humidity

**LED Indicator**

TX signal LED (Green), Power LED (Yellow)

**Material**

Cast Aluminum

**Outdoor Unit (cm)**

11.5 (L) x 6.5 (W) x 4.8 (H)

**DC Injector (cm)**

11.5 (L) x 5.6 (W) x 2.9 (H)

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

**Package Contents**

- [1] WBO-5100
- [1] DC Injector
- [1] 30cm RP SMA female to male Cable
- [1] SMA female to N-Jack Connector
- [1] Power Adapter
- [1] Quick Installation Guide

**Ordering Information**

WBO-5100, Outdoor 11a WiFi Signal Booster (1W)