

## Hi-Gain™ Wireless 300N Access Point/Bridge Pro

MODEL: **HWABN2**



### PACKAGE CONTENTS:

- Hi-Gain™ Wireless 300N Access Point/Bridge Pro
- Two 3dBi Hi-Gain Omni-Directional Antennas
- One Mac/PC CD
- One RJ-45 Ethernet Cable
- One Power Adapter
- Quick Installation Guide

This highly efficient access point is the best choice for Small office / Home office users. It allows computers and network devices to gain wireless access in several modes throughout their network. Easy install procedures allow any computer user to setup a network environment in a very short time. Modes supported include: Access Point, Bridge Client, Bridge Point to Point, Bridge Point to Multi-Point, AP Bridge WDS modes. The HWABN2 is ready for any of your wireless needs!

Complete with two 3dBi dipole antennas, the HWABN2 is sure to give your network the boost it needs to sustain a stable connection that ensures uninterrupted web surfing. To guarantee seamless integration with your wireless network, the HWABN2 is compatible with all Hawking Hi-Gain Wireless antennas.

Using range amplifier technology, the HWABN2 can boost your wireless speeds up to 6X the transfer speed and up to 300% the distance of a standard Wireless-G network! With the HWABN2 Access Point/Bridge Pro, downloading multimedia files or transferring data is easier and faster!

Along with wireless connectivity, the HWABN2 has 5 wired 10/100Mbps Ethernet ports for connecting your computers that do not have wireless access. It also offers the latest in wireless security, ensuring that your files and network are safe from outside intruders. Installation of the HWABN2 is simple and straight forward. Just open your web browser and log into the secure setup page to setup the router in minutes.

### FEATURES

- Supports 2.4GHz Wireless Devices
- Provides IEEE 802.11b/g/Draft-N wireless LAN capability
- 5 different Wireless Modes: Access Point, Bridge Client, Bridge Point to Point, Bridge Point to Multi-Point, AP Bridge WDS modes
- Supports 64/128-bit WEP, WPA, and WPA2 wireless data encryption
- Supports MAC address filtering (Only allow specific wireless device of your choice to connect to this access point)
- Five wired LAN ports (10/100/1000M)
- Auto MDI / MDI-X function for all wired Ethernet ports
- Provides IEEE 802.11a/b/g/n wireless LAN capability
- Easy to use Web-based GUI for network configuration and management purposes

### SYSTEM REQUIREMENTS

- Computer or network device(s) with wired or wireless network interface card
- Web browser (Microsoft Internet Explorer 4.0 or above, Netscape Navigator 4.7 or above, Opera web browser, Mozilla Firefox web browser or Safari web browser)
- An available AC power socket (100 – 240 V, 50/60Hz)



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## SPECIFICATIONS:

Standard: IEEE 802.11 b/g/n  
Speed: Up to 300Mbps  
Frequency Band: 2.4000-2.4835 GHz  
Modes: Access Point, Station Infrastructure (Bridge), AP Bridge - Point to Point, AP Bridge Point to Multi-Point, AP Bridge - WDS  
Security: WEP 64/128, WPA, WPA2, IEEE802.1

Hardware  
LAN Ports: Five 10/100M UTP Ports  
Antenna: Two Detachable 3dBi Dipole antennas  
Power: 12VDC, 1A Switching Power Adapter  
Output Power spec:  
11n (40MHz)@MCS15: 23+/-1.5dBm  
11n (20MHz)@MCS15: 23+/-1.5dBm  
11g@54Mbps: 23+/-1.5dBm  
11b@11Mbps: 26+/-1.5dBm  
Receive Sensitivity spec:  
11n (40MHz)@MCS15: -69+/-2dBm  
11n (20MHz)@MCS15: -73+/-2dBm  
11g@54Mbps: -78+/-2dBm  
11b@11Mbps: -89+/-2dBm

Weight: 0.42 lbs (Body only)  
Dimension: 6.1 x 4.1 x 1.1 inches  
Temperature: 32~104°F (0 ~ 40°C)  
Humidity: 10-90% (NonCondensing)  
Certification: FCC, CE

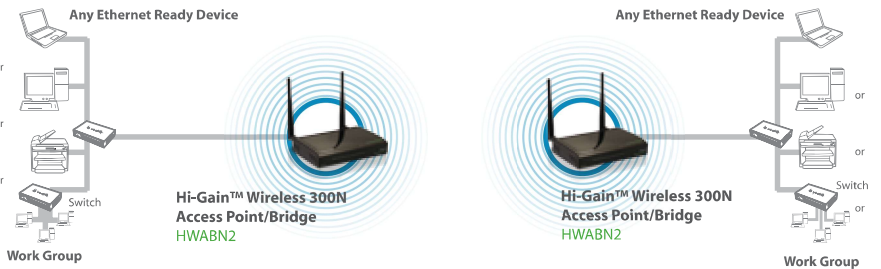
### ACCESS POINT MODE



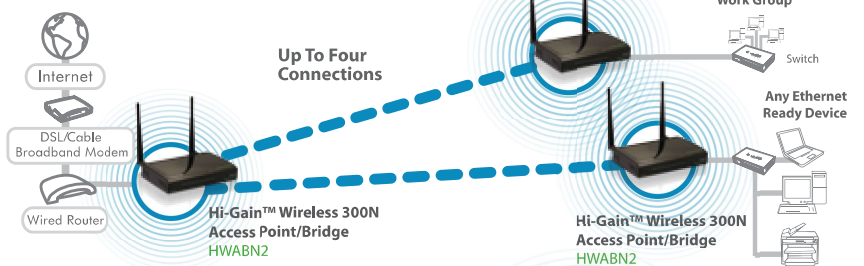
### STATION - INFRASTRUCTURE (BRIDGE MODE)



### AP BRIDGE - POINT TO POINT MODE



### AP BRIDGE - POINT TO MULTIPLE POINT MODE



### AP BRIDGE - WDS MODE

