

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

MODEL: HWABN2



### PACKAGE CONTENTS:

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

Complete with a 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 HWREN2 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 250% the distance of a standard Wireless-G network, the HWWABN2 Range Extender makes downloading multimedia files or data more enjoyable

### 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
- Support DHCP (Server/Client) for easy IP-address setup
- 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

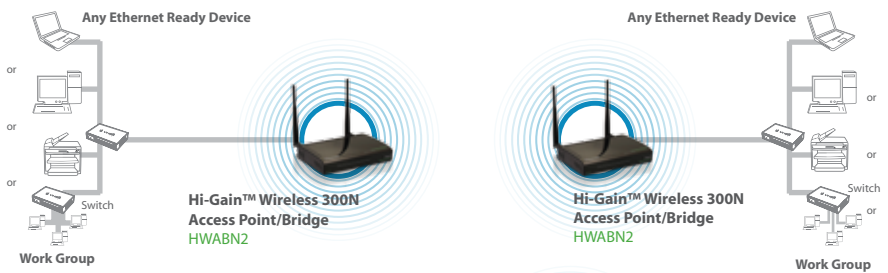
### ACCESS POINT MODE



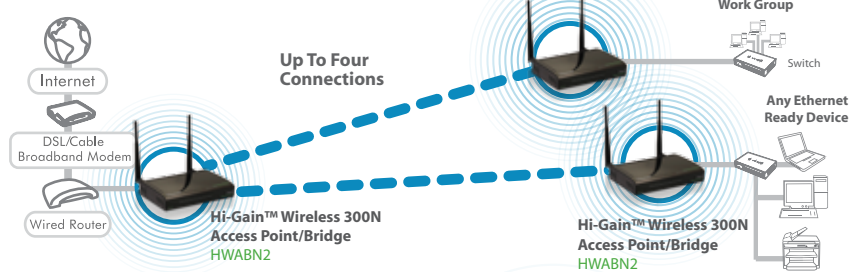
### STATION - INFRASTRUCTURE (BRIDGE MODE)



### AP BRIDGE - POINT TO POINT MODE



### AP BRIDGE - POINT TO MULTIPLE POINT MODE



### AP BRIDGE - WDS MODE

