HAWKING® TECHNOLOGY

HWABN1

Hi-Gain Wireless-300N Access Point/Bridge

PACKAGE CONTENTS:
- One Hi-Gain™ Wireless-300N Access Point/Bridge
- One Power Adapter
- One CD, includes PC Setup Wizard and User's Manual
- One RJ-45 Ethernet Cable
- Easy to follow Quick Installation Guide

Multi-Function: Wireless-N Access Point or Ethernet Bridge

Hawking Technology's HWABN1 puts two solutions into one compact unit, saving you time and money. The included Software Setup Wizard lets you change the function of your HWABN1 whenever you wish to adapt to your specific application and changing network environment.

Wireless-N Access Point Mode:

In the Wireless Access Point Mode, the HWABN1 allows for any existing wired network to go wireless. Simply attach the Wireless Access Point using the included Ethernet cable to an open port in your router or switch and enjoy highspeed wireless networking. You can also use the Access Point to cover "dead spots" in your existing wireless network by placing the unit in a room that is lacking wireless coverage.

Wireless-N Bridge Mode:

The Wireless Ethernet Bridge Mode enables any wired Ethernet-ready device to connect to your existing wireless network using the HWABN1. Connect your PC, notebook, printer, network camera, or even an entire wired network to the HWABN1 and establish a wireless connection to your wireless network. Whether in the home or in the office, you can wirelessly connect your networks without having to run long cables across the floor. The possibilities are endless and the "driver-free" installation is simple.

Features
- Dual Function: Access Point and Workgroup bridge
- Converts wired networks into wireless-N networks
- New Setup Wizard allows for quick and easy setup
- Backwards compatible with 802.11b and 802.11g networks
- Performs at up to 300Mbps for fast and efficient data and media transfers.

System Requirements:
- Pentium compatible PC or above w/ CD-ROM
- 802.11b or 802.11g or 802.11n Wireless Network

HAWKING TECHNOLOGY®

Hi-Gain Wireless-300N Access Point/Bridge

HWABN1

HAWKING TECHNOLOGIES, INC
15281A Barranca Parkway, Irvine, CA 92618

Sales: 888.662.8828, 949.790.0800 **Fax:** 949.790.0880
Email: sales@hawkingtech.com **Email:** techsupport@hawkingtech.com

HWABN1
Hi-Gain Wireless-300N Access Point/Bridge

SPECIFICATIONS:

Network Specifications:
◆ IEEE 802.11b/g/n
Modulation
◆ 11b:DSSS with CCK, QPSK, BPSK
◆ 11g:OFDM with 64QAM, 16QAM
◆ 11n:OFDM with 64QAM, 16QAM, QPSK, BPSK
Transfer Rate
◆ 11b:1/2/5.5/11M
◆ 11g:6/9/12/18/24/39/48/54M
◆ 11n (20MHz):MCS 0-15 (up to 144Mbps)
  11n (40MHz):MCS 0-15 (up to 300Mbps)
Transmit Power
◆ 11n:15dBm±1dBm, 11g:15dBm±1dBm,
  11b:17dBm±1dBm
Operating Frequency
◆ 2.4~2.4835 GHz
Security
◆ 64/128-bit WEP Data Encryption, WPA-PSK
  (TKIP, AES), WPA2-PSK(TKIP, AES), Radius
  Server
Antenna
◆ 3dBi Dipole Hi-Gain Antenna x 2
Power
◆ 12V DC
Operating Temperature
◆ 32~104°F (0 ~40°C)
Humidity
◆ Max. 90% (Non-Condensing)
Certification
◆ FCC , CE

Adapter: DC12V   Network RJ-45 Port

Rear Ports

READY, NETWORK & GO!
It's easy to install, it's easy to use! Everyone can do it.

Step 1 - Connect the Hardware
Connect the Access Point/Bridge to your network AP/Router and power on.

Step 2 - Insert the Setup CD
Insert the included setup CD into your CD-ROM drive and run through the setup wizard.

Step 3 - Surf the Web Wirelessly
Enjoy wireless internet access throughout your home or office.

WIRELESS NETWORK DIAGRAM: