EntraPASS
ACCESS SECURITY SOFTWARE

wwww.EntraPASS.com / 8641 S. Warhawk Rd., Conifer, CO 80433 - Tel: 303-670-1099 - Email: Patrick.McAllister@EntraPASS.com

54M 802.11 g Wireless Access Point and Ethernet Bridge

CONNECT WHEREVER YOU WANT WHENEVERYOU WANT

● **HWBA54G**

Multi-function AP/Bridge

WPA (Wi-Fi Protected Access) Security

2 Year Warranty

PACKAGE CONTENTS:
- One 54M Wireless-G AP/Bridge
- One CD, includes Drivers, Setup Wizard and Manual
- Easy to follows Quick Installation Guide

Get Connected With Hawking
- Dual Function: Access Point and Workgroup Bridge
- Access Point: Add Wireless to any Network!
- Ethernet Bridge: Turn any Wired Ethernet Device Wireless
- Fully Backwards Compatible with all 802.llb Wireless Networks
- 54Mbps! Up to SX Faster than 802.llb Products
- Easy to Install - Intuitive Setup Wizard!

Multi-Function: Wireless-G Access Point or Ethernet Bridge
TURNSTILES' HWBA54G puts two solutions into one compact unit, saving you time and money. The included Software Setup Wizard lets you change the function of your HWBA54G whenever you wish to adapt to your specific application and changing network environment.

Wireless-G Access Point Mode:
In the Wireless Access Point Mode, the HWBA54G 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 high-speed 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-G Bridge Mode:
The Wireless Ethernet Bridge Mode enables any wired Ethernet-ready device to connect to your existing wireless network using the HWBA54G. Connect your PC, notebook, printer, network camera, or even an entire wired network to the HWBA54G and establish a wireless connetion to your wireless network. Whether in the home or in the office, you can wireless connect your networks without having to run long cables across the floor. The possibilities are endless and the "driver-free" installation is simple.

System Requirements:
- Pentium-compatible CPU or above w/ CD-ROM Drive
- Wireless 802.llb or 802.llg Network

www.EntraPASS.com

54M 802.11 g Wireless Access Point and Ethernet Bridge

CONNECT WHEREVER YOU WANT WHENEVER YOU WANT

HWBA54G

54M Wireless-G AP/Bridge
802.11b/g Compatibility
Two Year Warranty

RELATED WIRELESS PRODUCTS:

HWR54G	Wireless-G Router
HWC54G	Wireless-G Cardbus Card
HWP54G	Wireless-G PC! Card
HAI6SIP	Omni-Directional Antenna
HAI6SDP	Directional Antenna
HAI15SC	Corner Antenna

SPECIFICATIONS:

Network Specification
2.4 ₋ 2.56 Ghz
- IEEE 802.llb WLAN Standard
- IEEE 802.llg WLAN Standard
- IEEE 802.11
- IEEE 802.3u 100Base-TX Fast Ethernet
- ASNI/IEEE 802.3 N-way Auto-negotiation

Wireless Speed
- 54/48/36/24/12/ll/9/6/5.5/2/1 Mbps Adaptive Data Rate

Channels
- USA (1-11)
- Europe (1-13)

Management
- Web-based Configuration and CD-ROM Software

Security
- 64-bit, 128-bit WEP encryption
- MAC Address filter
- 802.lx
- WPA (WI-Fi Protected Access)

Power Requirements
- Operating Voltage: 5.0V, 1.SA Input

Modulation Techniques
- 54g: 54g OFDM (64QAM, 16QAM, QPSK, BPSK)
- llb: DSSS (CCK, DQPSK,DBPSK)

Antenna
- 2dBi Removable Dipole Antenna (RP-SMA)
- Upgradeable to HI-Gain Antennas

Frequency Range: 2.412GHz - 2.462GHz

Output Power: 17+1dBm

Dimensions: 127 x 91.1 x 24.7mm (WxDxH)

Weight: 190g

EMI Conformance: FCC part 15 Class B, CE Mark

READY, NETWORK & GO!

It's easy to install, it's easy to use! Everyone can do it.

Step 1 - Connect the HWBA54G to your PC
Using the included Ethernet cable, connect the HWB54G to your PC.

Step 2 - Select your Mode of Operation
Power on your PC. Insert the included CD-ROM. When the wizard appears, select your operation mode according to the visual diagrams and network samples.

Step 3 - Configure and GO!
Complete the Setup Wizard and you're done!

WIRELESS-G ACCESS POINT MODE DIAGRAM:

WIRELESS-G ETHERNET BRIDGE MODE DIAGRAM:

Receive Sensitivity:

802.llb
- IMbps: -91dBm
- 2Mbps: -88dBm
- 5.SMbps: -85dBm
- 11Mbps: -83dBm

802.llg

6Mbps: -88dBm	24Mbps: -79dBm
9Mbps: -87dBm	36Mbps: -7SdBm
12Mbps: -84dBm	48Mbps: -69dBm
18Mbps: -82dBm	54Mbps: -68dBm