

## Package Contents

After unpacking the EZ Connect™ g 802.11g 108Mbps Wireless Ethernet Bridge, check the contents of the box to be sure you have received the following components:

- 1 SMCWEBT-G 802.11g 108Mbps Wireless Ethernet Adapter
- 1 EZ Installation Wizard and Documentation CD
- 1 Cat-5 Ethernet Cable
- 1 Quick Installation Guide
- 1 Power Adapter

Immediately inform your dealer in the event of any incorrect, missing or damaged parts. If possible, please retain the carton and original packing materials in case there is a need to return the product.

Please register this product and upgrade the product warranty at SMC's Web site:  
<http://www.smc.com>

## System Requirements

- A web browser, such as Microsoft Internet Explorer 5.5 or above installed on one PC at your site for configuring the Wireless Ethernet Bridge
- CD-ROM drive
- An AC power outlet to supply power to the Wireless Ethernet Bridge
- Wired or Wireless Network Adapter
- An available RJ-45 (UTP) port on an Ethernet hub or switch
- TCP/IP network protocol installed on each PC that needs to access the Internet.

## Hardware

The EZ Connect™ g Wireless Ethernet Bridge supports high speed communication up to 108 Mbps. This device is fully compliant with 2.4 GHz DSSS and OFDM CSMA/CA wireless networking as defined in IEEE 802.11b and 802.11g. It can be connected via an RJ-45 connection to devices such as Nintendo GameCube, Microsoft Xbox, Sony PlayStation II, and Ethernet ready embedded devices. It can also function as an IEEE 802.11g Access Point, giving you the capability of creating a new 802.11g wireless network. In addition, this product supports Wireless Distribution System (WDS) for repeater functionality to extend the range of your wireless network

LED	Status	Function
<b>Power</b>	On (Blue) Off	Power on. No Power
<b>Wireless LAN</b>	Blinking (Blue) Off	Blinking: Wireless LAN connection is transmitting. Off: Wireless LAN connection is not active
<b>Tx/Rx</b>	On (Blue) Off	On: Transmitting. Off: Wired LAN connection is not active.

### Applications

SMC's EZ Connect 802.11g 108Mbps Wireless Ethernet Bridge (SMCWEBT-G) can function in the following modes:

- Ethernet to Wireless Bridge: providing a wireless connection via an RJ-45 connection to devices such as Microsoft Xbox and Ethernet ready embedded devices
- Access Point : in this mode the SMCEBT-G complies to the IEEE 802.11g standard
- Wireless Repeater: In this mode the unit allows you to effectively extend the coverage of another SMCWEBT-G that is configured to operate in Access Point mode

Use this device in conjunction with SMC's EZ Connect™ Wireless Cards to create an instant network that integrates seamlessly with Ethernet LANs. Moreover, moving or expanding your network is as easy as moving or installing additional access points - no wires!

EZ Connect wireless products offer a fast, reliable, cost-effective solution for wireless Ethernet client access to the network in applications such as:

- Video Game Systems
  - Provides wireless Internet access for users of video game systems such as Nintendo GameCube, Microsoft Xbox and Sony PlayStation II
- Remote access to corporate network information
  - E-mail, file transfer, and terminal emulation
- Difficult-to-wire environments
  - Historical or old buildings, asbestos installations, and open areas where wiring is difficult to employ
- Frequently changing environments
  - Retailers, manufacturers, and banks which frequently rearrange the workplace or change locations
- Temporary LANs for special projects or peak periods
- Trade shows, exhibitions, and construction sites that need a temporary setup. Retailers, air line, and shipping companies that need additional workstations for peak periods. Auditors who require workgroups at customer sites
- Access to databases for mobile workers
- Doctors, nurses, retailers, or white-collar workers who need access to databases while being mobile in a hospital, retail store, in an office, or on a campus
- SOHO users
  - SOHO (Small Office and Home Office) users who need easy and quick installation of a small computer network



# EZ Connect™ 802.11g 108Mbps Wireless to Ethernet Bridge

## Quick Installation Guide



SMCWEBT-G

SMC  
Networks

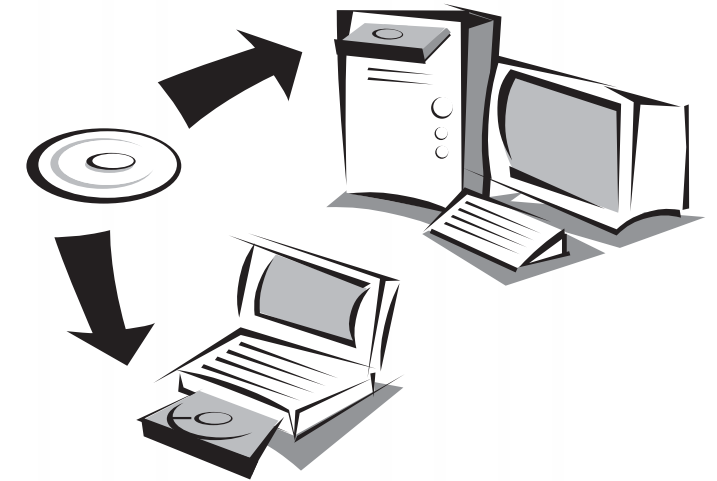
## Hardware Installation

1. Select the Site - Choose a location for your SMCWEBT-G unit. Usually, the best location is at the center of your wireless coverage area, if possible within line-of-sight of all wireless devices.
2. Place the unit in a position that gives it maximum coverage: Normally, the higher you place the antenna, the better the performance.
3. Position the antennas as desired. For more effective coverage, position the antennas along different axes. For example, try positioning the antennas around 45 to 90 degrees apart. (The antennas emit signals along the toroidal plane - and thus provide more effective coverage when positioned along different axes.)
4. If used in Wireless Bridge mode, use an Ethernet cable from the host device to the SMCWEBT-G. Connect the provided Ethernet cable to the RJ-45 socket of the host device that you want to connect to your wireless network.
5. If used in Access Point / Repeater mode, the SMCWEBT-G can be wired to an Ethernet network through an Ethernet device such as a hub or a switch using category 3, 4, or 5 UTP Ethernet cable and an RJ-45 connector. For the configuration you may need to connect the unit directly to your PC's Ethernet adapter directly.
6. Connect the power cable - Connect the power adapter cable to the 5 VDC power socket on the rear panel.
7. Warning: Use only the power adapter supplied with the SMCWEBT-G.
8. Check the LED's on the front of the unit to make sure the adapter is turned on properly and the status is okay.

The installation method makes the process as simple and Plug-and-Play as possible. Please be sure that you have successfully completed the steps shown in the previous section before proceeding.

## Configuration

1. Insert the Installation CD-ROM, wait until the welcome screen appears automatically. If it doesn't, open up the My Computer folder, select your CD-ROM drive, and double-click on its icon.
2. Select from following options (shown on the screen) to configure your SMCWEBT-G
  - a. Access the Web-Based configuration
  - b. Run the EZ Configuration Wizard



### Access the Web-Based Configuration

1. Configure your Ethernet adapter, which has been connected by wire to the SMCWEBT-G device for a static IP-address in the 192.168.2.xxx range, where xxx should be between 1.254. Please do not use the 192.168.2.25 address. Please refer the user manual for further information about IP-addressing and settings.
2. As subnet mask, enter 255.255.255.0 during the IP-configuration if not selected automatically.
3. Open up your web browser and enter <http://192.168.2.25/>
4. This will redirect you to the web configuration of the SMCWEBT-G. Please enter the administrator password, which is by default: "smcadmin" to access the html pages for further steps.

**Note:** If you have already set your Ethernet adapter for this IP address, you can avoid entering the IP address as URL in your web browser by clicking the Access the Web-based Configuration link. It will automatically start your default browser and load the login page of the SMCWEBT-G

### Run the EZ Configuration Wizard

1. Please make sure, your Ethernet adapter is configured correctly. For further information please refer to the manual or the steps 1 and 2 in the "Access the Web-Based Configuration" section above.
2. Click on the Run EZ Configuration Wizard button
3. Select the operational mode for your SMCWEBT-G device. (Access Point / Repeater / Wireless to Ethernet Bridge) and click Next.
4. Enter the SSID and select the used wireless channel for AP / Repeater mode or only the preferred SSID for Wireless to Ethernet Bridge mode. In the second case the channel will be selected automatically. Click Next.
5. Select the Encryption method and enter the necessary keys in the fields to enable wireless security for your SMCWEBT-G. Click Finish to save and apply settings.
6. The device will reboot and load the new configuration immediately.

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Driver updates:  
<http://www.smc.com/index.cfm?action=techsupportdriversdownloads>

If you are looking for further contact  
information, please visit  
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Model Number: SMCWEBT-G

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