

## Quick Installation Guide

### 802.11g Wireless PCI Adapter

Model # AWLH3028v2



#### Package Contents:

- 802.11g Wireless PCI Adapter
- Antenna
- Low Profile Bracket
- Driver & Utility CD
- Quick Installation Guide

## Section 1

### Install the Wireless PCI Adapter

This Quick Installation Guide only provides the basic installation instructions. For detailed instructions of other advanced features, please refer to the User's Manual that can be found on the provided CD.

**Step 1.1** SWITCH THE COMPUTER OFF, remove the cover and insert the wireless PCI adapter into an available PCI slot of your computer.

**Step 1.2** Fasten the antenna to the antenna connector on the wireless PCI adapter. Replace the cover of your computer.

**Step 1.3** Switch on the computer.

**Step 1.4** Click **Cancel** when you see the **Found New Hardware Wizard**.

**Windows XP/2000 Users:**

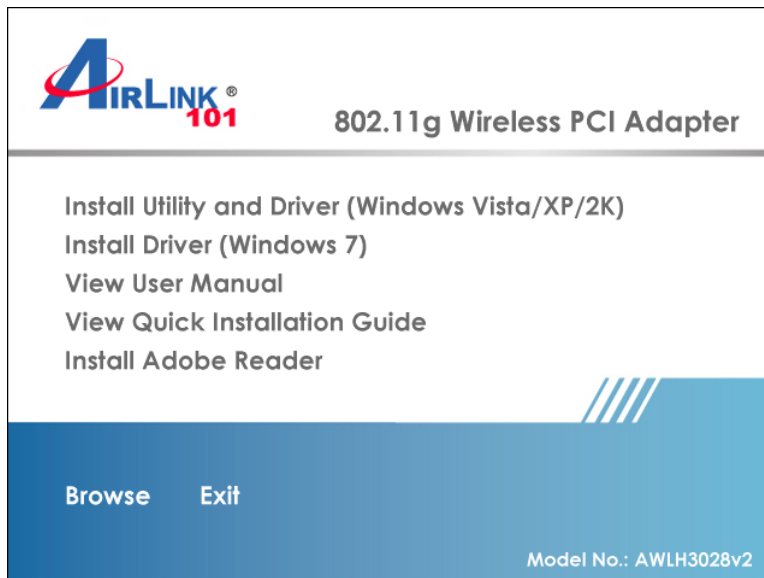


**Windows 7/Vista Users:** After turning on the computer, Windows will install its built in drivers for this card. A window will pop up telling you that the driver was installed successfully. Once you see this message, continue to **Step 1.5**.

**Step 1.5** Insert the CD into the CD drive. The Autorun screen will pop up.

**Windows 7 Users:** Select **Install Driver (Windows 7)** from the menu.

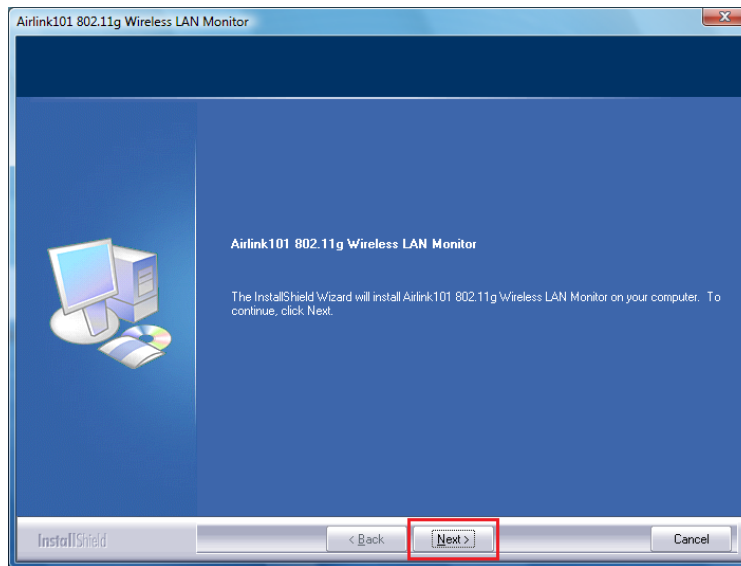
**Windows Vista/XP/2000 Users:** Select **Install Utility and Driver (Windows Vista/XP/2K)** from the menu.



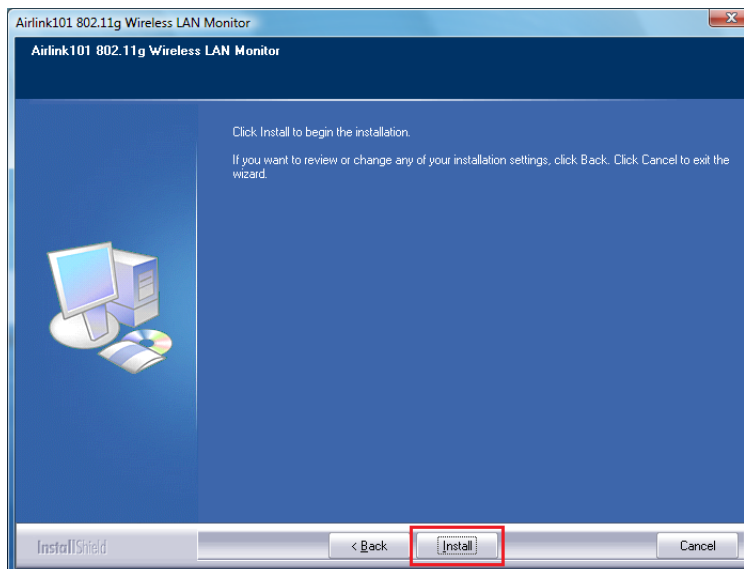
**Note:** If the Autorun screen doesn't appear automatically, go to **Start, Run,** and type **D:\Utility\Setup.exe** (where **D** is the letter of your CD drive) and click **OK**.

**Windows Vista Users:** At this point, you may get a warning message like the one below. Make sure that you click **Continue** to continue with the installation.

**Step 1.6** Click **Next** at the welcome screen.



**Step 1.7** Click **Install** to start installing the driver/utility.



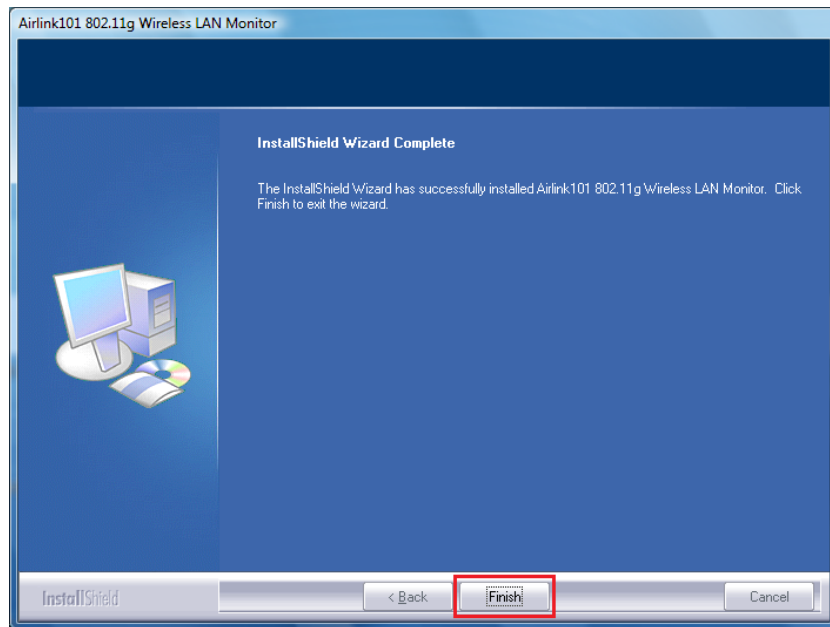
**Step 1.8 Windows 2000/XP Users:** Click **Continue Anyway** at the Windows Logo Screen. (For Windows 2000, click **Yes** at the Digital Signature Not Found prompt).



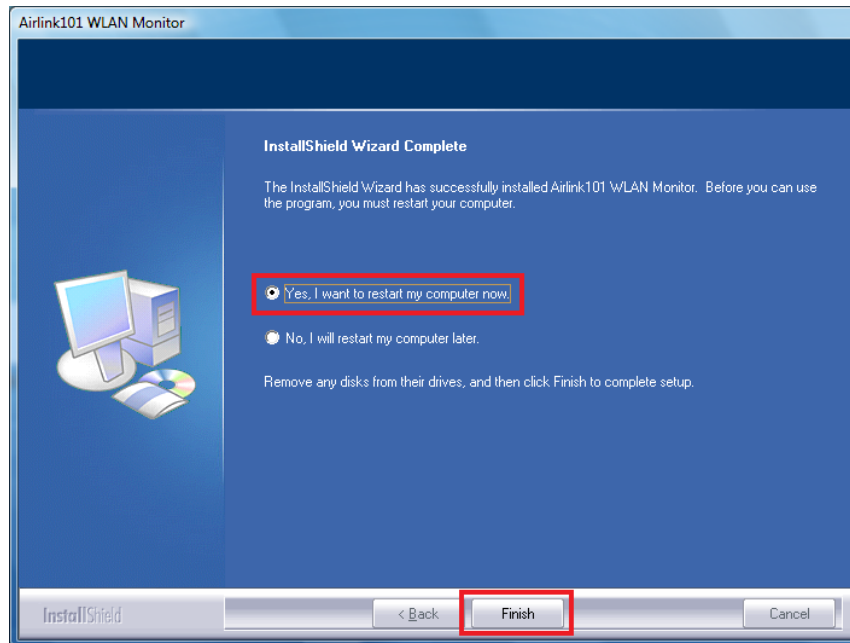
Please wait when Windows is installing the driver for Airlink101 802.11g Wireless Adapter and the utility, Airlink101 Wireless Monitor.



**Step 1.9** Click **Finish** to complete the installation.



**Step 1.10** Select **Yes, I will restart my computer now**. Click **Finish** to reboot the computer.



The driver and utility have been installed. Please continue to Section 2.

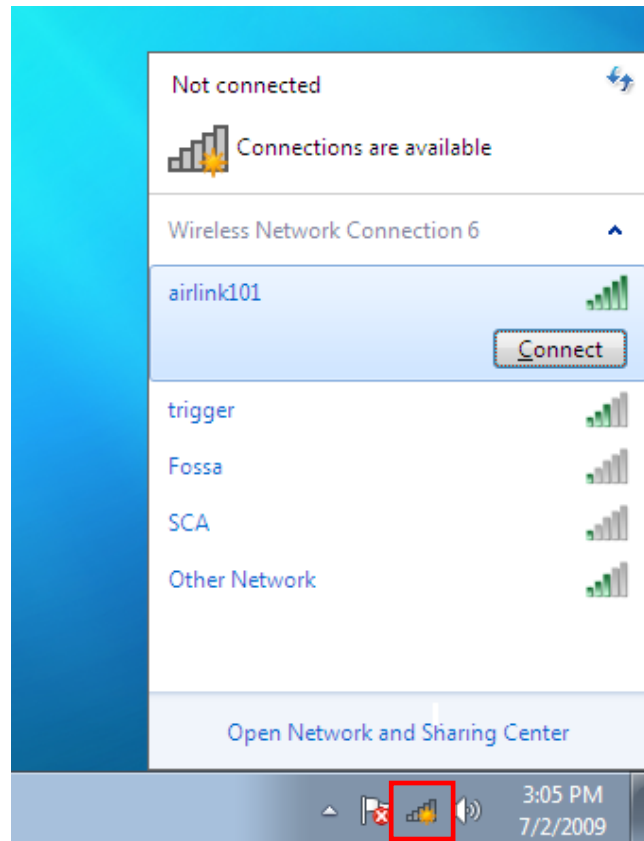
## Section 2

### Connect to Wireless Network

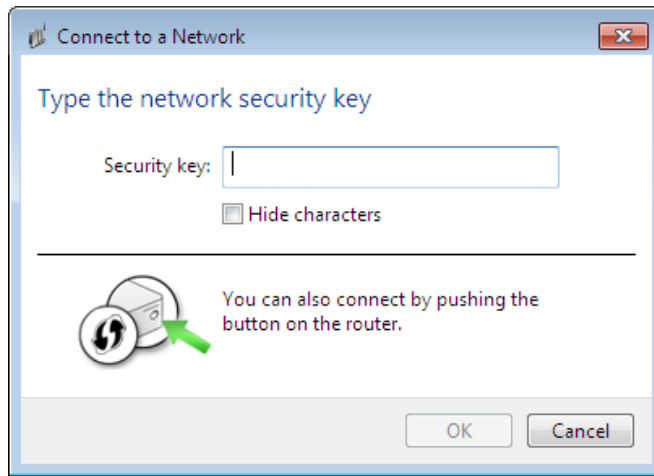
#### For Windows 7 Users:

You will need to use the utility built in Windows 7 to manage this wireless PCI adapter. Currently, Airlink101 Wireless Monitor does not support Windows 7.

**Step 2.1** Click on the wireless icon in the system tray at the bottom right-hand corner of your screen. A list of available network will pop up. Select the one you want to connect to and click **Connect**.

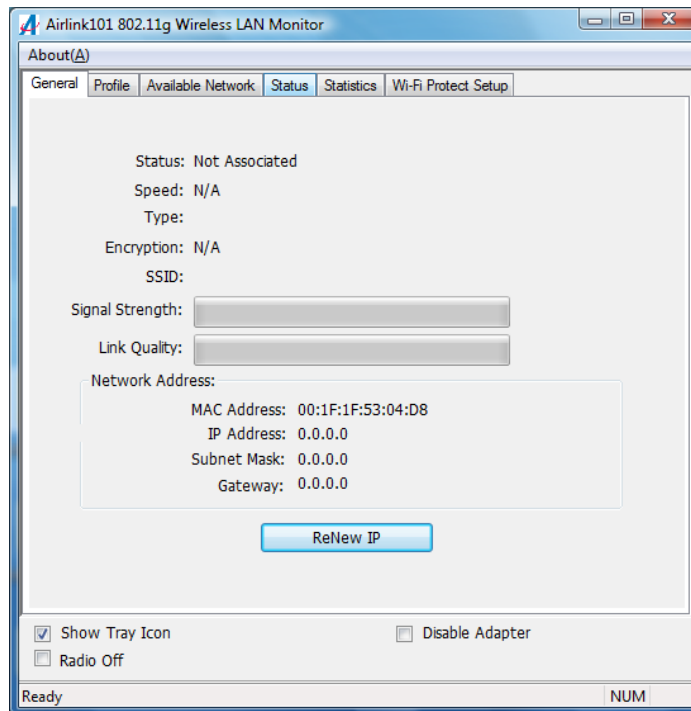


**Step 2.2** Enter the network security key if the wireless network you are attempting to connect to has wireless encryption enabled. Click **OK**. The connection should be now established.

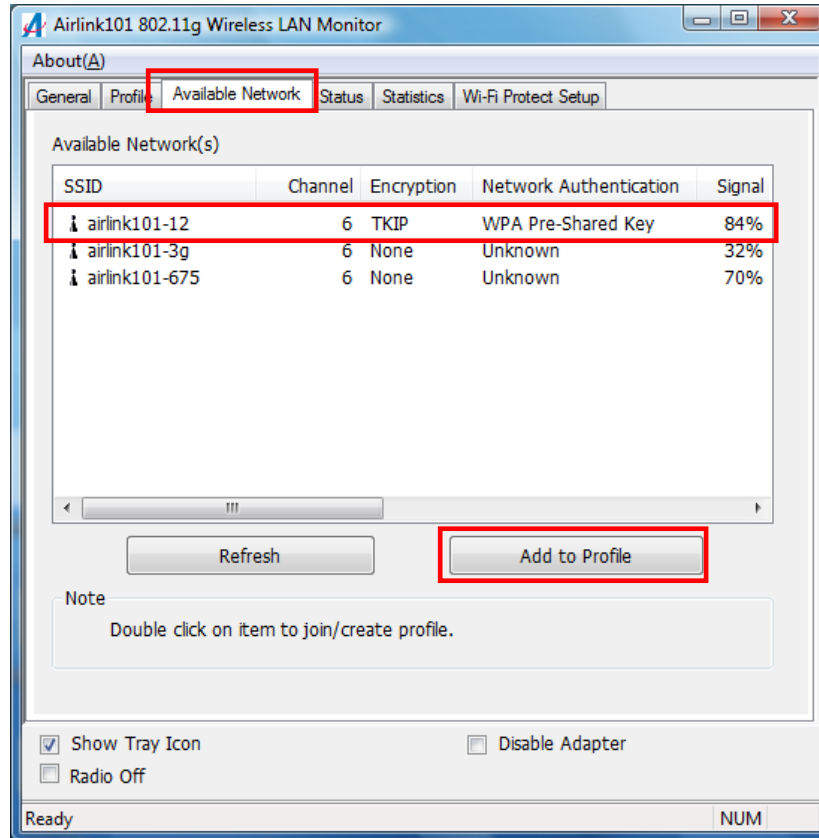


**For Windows Vista/XP/2000 Users:**

**Step 2.1** Open the Airlink101 Wireless Monitor utility by double clicking on the icon in the system tray at the bottom right-hand corner of your screen.



**Step 2.2** Click the **Available Network** tab of the Wireless Monitor, select the wireless network that you wish to connect to, and click **Add to Profile**.



If the network that you are attempting to connect does not have encryption enabled, you will receive a warning about connecting to an unsecured network. Click OK to complete the connection.

**Step 2.3** Enter the wireless security key into the **Network Key** and **Confirm Network Key** box if the network you are attempting to connect has wireless security enabled. Click **OK**.

The wireless adapter will automatically detect the type of Network Authentication and the Data encryption, so you can keep these settings unchanged.

Wireless Network Properties: X

This is a computer-to-computer(ad hoc) network; wireless access points are not used.

Profile Name:

Network Name(SSID):

Channel:

Wireless network security

This network requires a key for the following:

Network Authentication:

Data encryption:

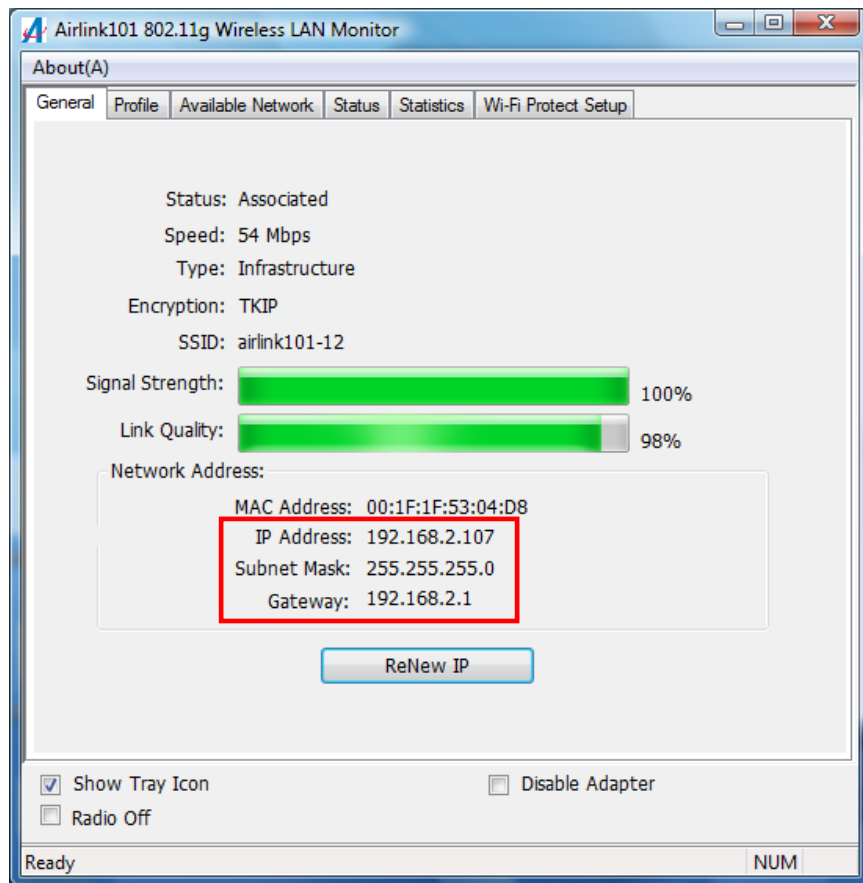
ASCII  PASSPHRASE

Key index (advanced):

Network key:  
\*\*\*\*\*

Confirm network key:  
\*\*\*\*\*

**Step 2.4** The connection should be now established. Under **General** tab, you can check the status of wireless connectivity. Verify that **IP Address**, **Subnet Mask** and **Gateway** have valid numbers assigned to them (instead of all 0's). The Status should be Associated, and there should be green bars next to Signal Strength and Link Quality.



**Congratulations! You have now connected to the wireless network successfully.**

## Troubleshooting

1. If you cannot open the wireless monitor utility, make sure that the PCI adapter is inserted firmly into the PCI slot.
2. If you cannot connect to the wireless router, you may want to double check the wireless security settings on the router. The network key you entered in Step 2.3 must match with the settings on the wireless router.
3. If you are experiencing problems with the connection such as low signal strength, slow connection speed, or unstable wireless connection, you can try to tune your router's signal by changing the channels on the router and/or by adjusting the direction of the antenna(s). You do not need to change the channel on the Adapter; it will automatically pick up the new channel after you reboot the router. Your router has 11 different channels to choose from. Keep going through the channels until you find one that gives you a stable connection. For instructions on changing channels, refer to the documentation that comes with the router.

## Section 3

### Technical Support

E-mail: [support@airlink101.com](mailto:support@airlink101.com)

Toll Free: 1-888-746-3238

Website: [www.airlink101.com](http://www.airlink101.com)

\*Theoretical maximum wireless signal rate derived from IEEE standard 802.11g. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, mix of wireless products used, radio frequency interference (e.g., cordless telephones and microwaves) as well as network overhead lower actual data throughput rate. Photo of product may not reflect actual content. All products and trademarks are the property of their respective owners. Copyright ©2009 Airlink101®