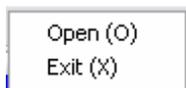
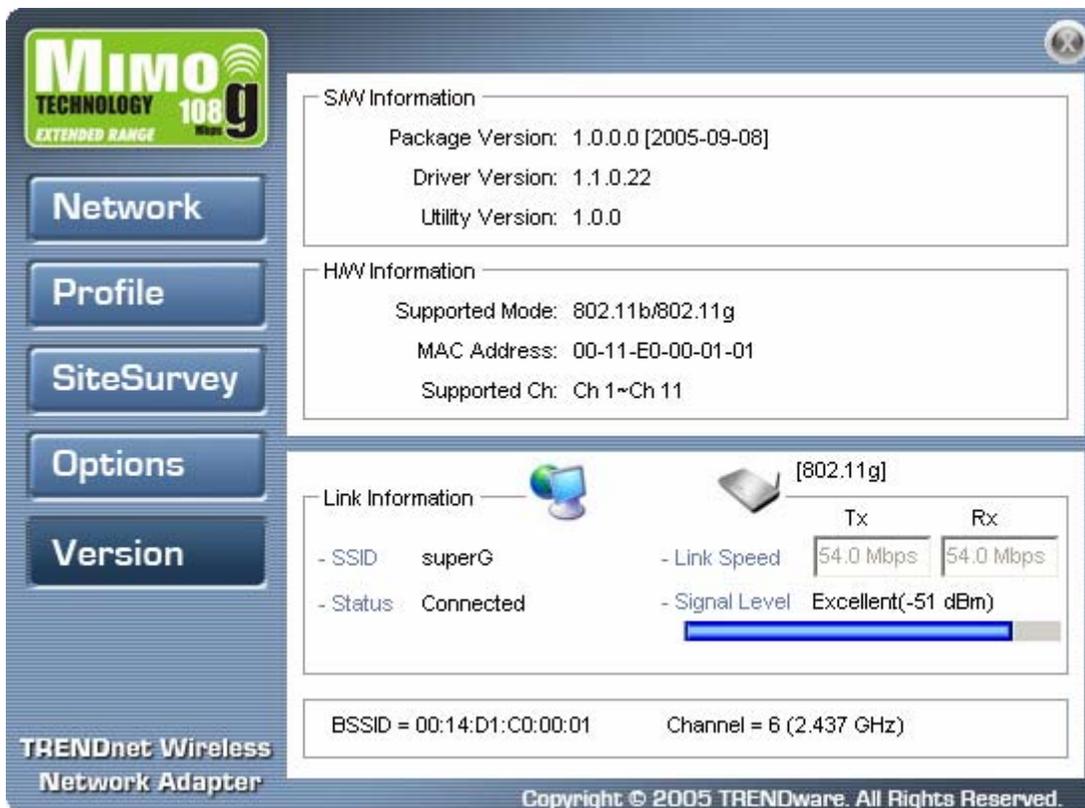


## F.A.Q's for TEW-601PC and TEW-603PI.

**Q: How do I connect to my wireless network?**

A:

**Step 1** Open the utility by right clicking on the icon at the bottom right hand side of the screen and go to Open 802.11g Client utility.

**MIMO TECHNOLOGY 108g**  
EXTENDED RANGE

**Network**  
**Profile**  
**SiteSurvey**  
**Options**  
**Version**

**TRENDnet Wireless Network Adapter**

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**SW Information**  
Package Version: 1.0.0.0 [2005-09-08]  
Driver Version: 1.1.0.22  
Utility Version: 1.0.0

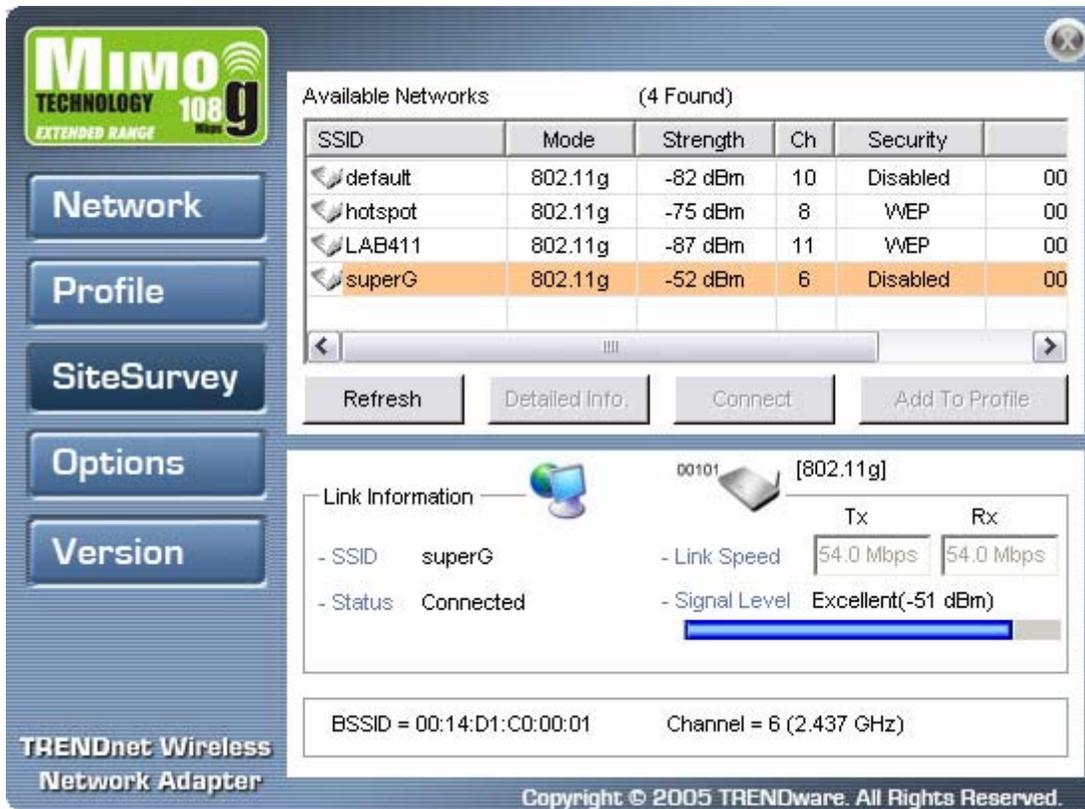
**HW Information**  
Supported Mode: 802.11b/802.11g  
MAC Address: 00-11-E0-00-01-01  
Supported Ch: Ch 1~Ch 11

**Link Information** [802.11g]

		Tx	Rx
- SSID	superG	54.0 Mbps	54.0 Mbps
- Status	Connected	Excellent(-51 dBm)	

BSSID = 00:14:D1:C0:00:01      Channel = 6 (2.437 GHz)

**Step 2** Click on “SiteSurvey”, and then click “Refresh”.



**MIMO TECHNOLOGY 108g**  
EXTENDED RANGE

**Network**  
**Profile**  
**SiteSurvey**  
**Options**  
**Version**

TRENDnet Wireless Network Adapter

Available Networks (4 Found)

SSID	Mode	Strength	Ch	Security	
default	802.11g	-82 dBm	10	Disabled	00
hotspot	802.11g	-75 dBm	8	WEP	00
LAB411	802.11g	-87 dBm	11	WEP	00
superG	802.11g	-52 dBm	6	Disabled	00

Refresh Detailed Info. Connect Add To Profile

Link Information  00:14:D1:C0:00:01 [802.11g]

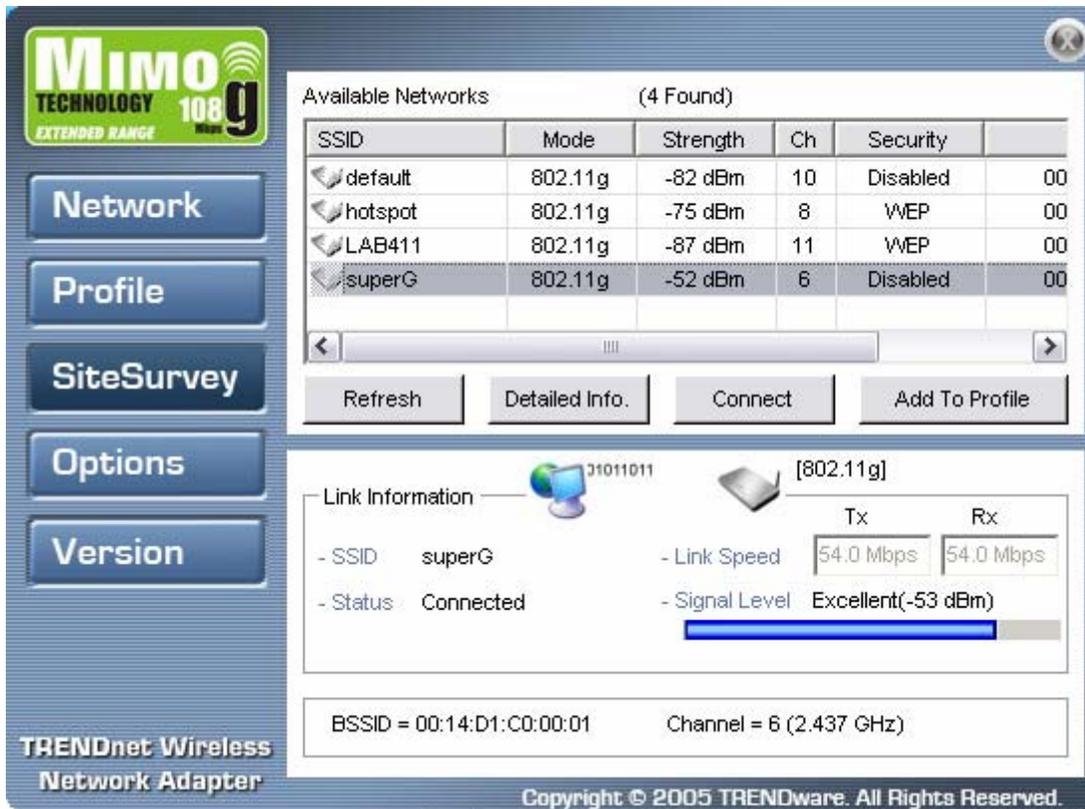
	Tx	Rx
- Link Speed	54.0 Mbps	54.0 Mbps
- Signal Level	Excellent(-51 dBm)	

- SSID superG  
- Status Connected

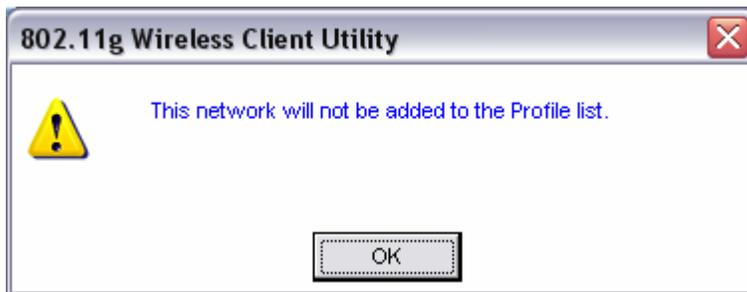
BSSID = 00:14:D1:C0:00:01 Channel = 6 (2.437 GHz)

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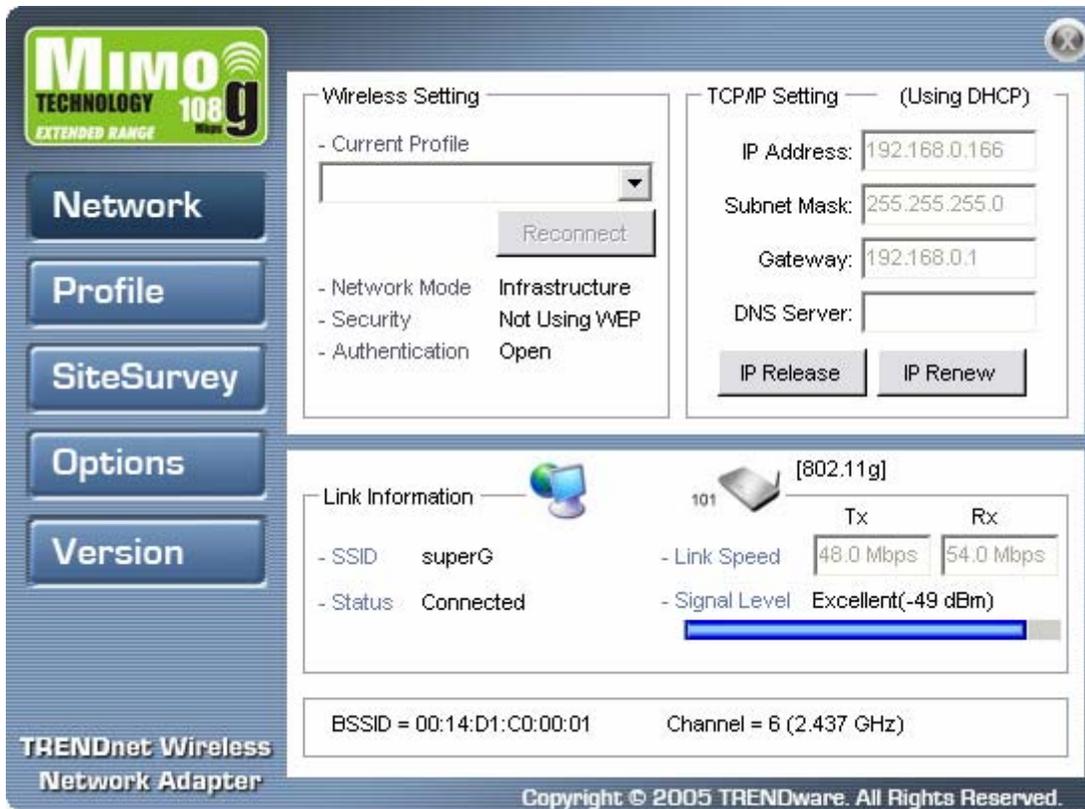
**Step 3** Highlight the wireless network you want to connect to, and then click “Connect”.



**Step 4** A pop up window will open informing you that the network will **not** be added to the profile list. Click “OK”.



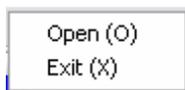
**Step 5** It will switch you over to the Network link and display the status of the connection.

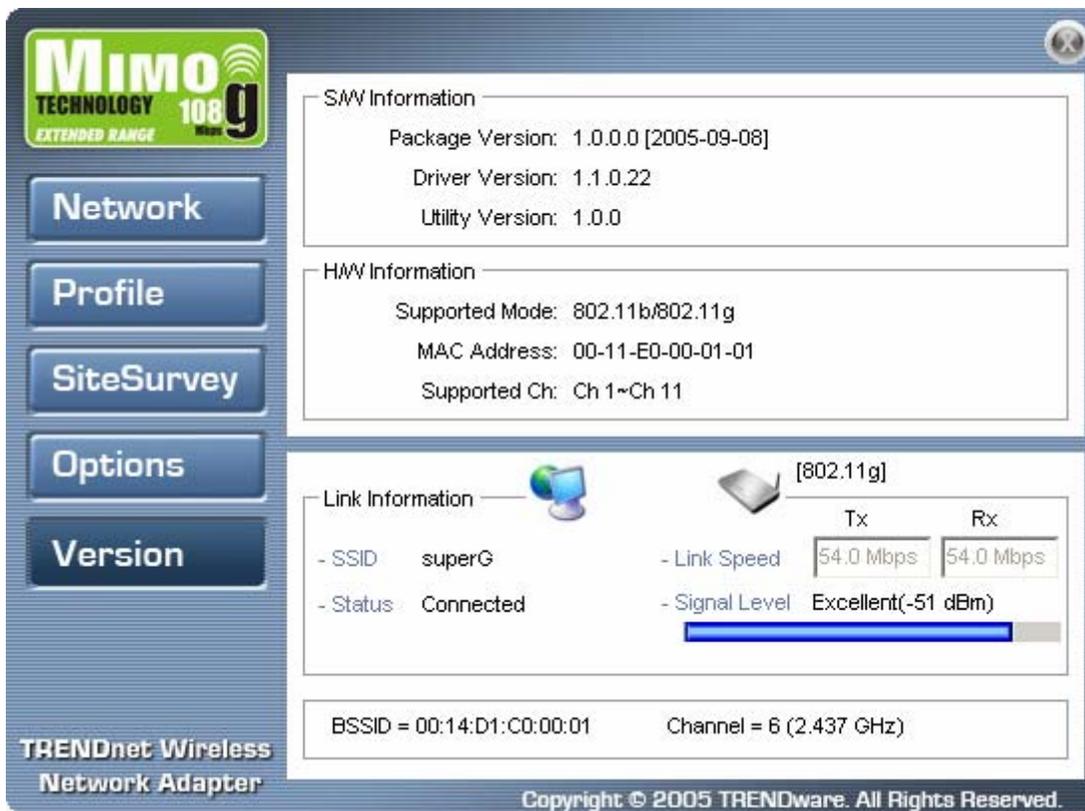


**Q: How do I enable encryption on my TEW-601PC or TEW-603PI?**

**Note:** To connect to a secured network you must create a profile.

**Step 1** Open the utility by right clicking on the icon at the bottom right hand side of the screen and click on “Open (O)”.





**MIMO TECHNOLOGY 108g**  
EXTENDED RANGE

**Network**

**Profile**

**SiteSurvey**

**Options**

**Version**

**S/W Information**

Package Version: 1.0.0.0 [2005-09-08]  
Driver Version: 1.1.0.22  
Utility Version: 1.0.0

**H/W Information**

Supported Mode: 802.11b/802.11g  
MAC Address: 00-11-E0-00-01-01  
Supported Ch: Ch 1~Ch 11

**Link Information**

[802.11g]

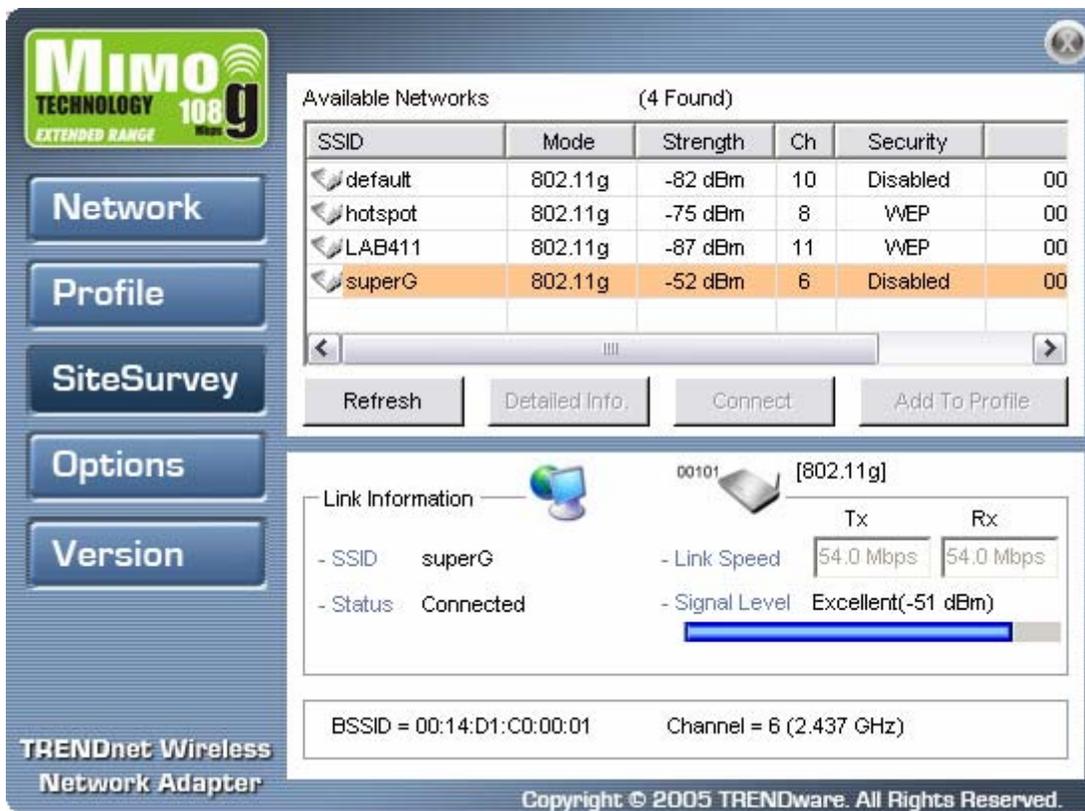
		Tx	Rx
- SSID	superG	54.0 Mbps	54.0 Mbps
- Status	Connected	Excellent(-51 dBm)	

BSSID = 00:14:D1:C0:00:01      Channel = 6 (2.437 GHz)

TRENDnet Wireless Network Adapter

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**Step 2** Click “SiteSurvey”, and then click “Refresh”.



**MIMO TECHNOLOGY 108g**  
EXTENDED RANGE

**Network**  
**Profile**  
**SiteSurvey**  
**Options**  
**Version**

TRENDnet Wireless Network Adapter

Available Networks (4 Found)

SSID	Mode	Strength	Ch	Security	
default	802.11g	-82 dBm	10	Disabled	00
hotspot	802.11g	-75 dBm	8	WEP	00
LAB411	802.11g	-87 dBm	11	WEP	00
superG	802.11g	-52 dBm	6	Disabled	00

Refresh Detailed Info. Connect Add To Profile

Link Information  00:14:D1:C0:00:01 [802.11g]

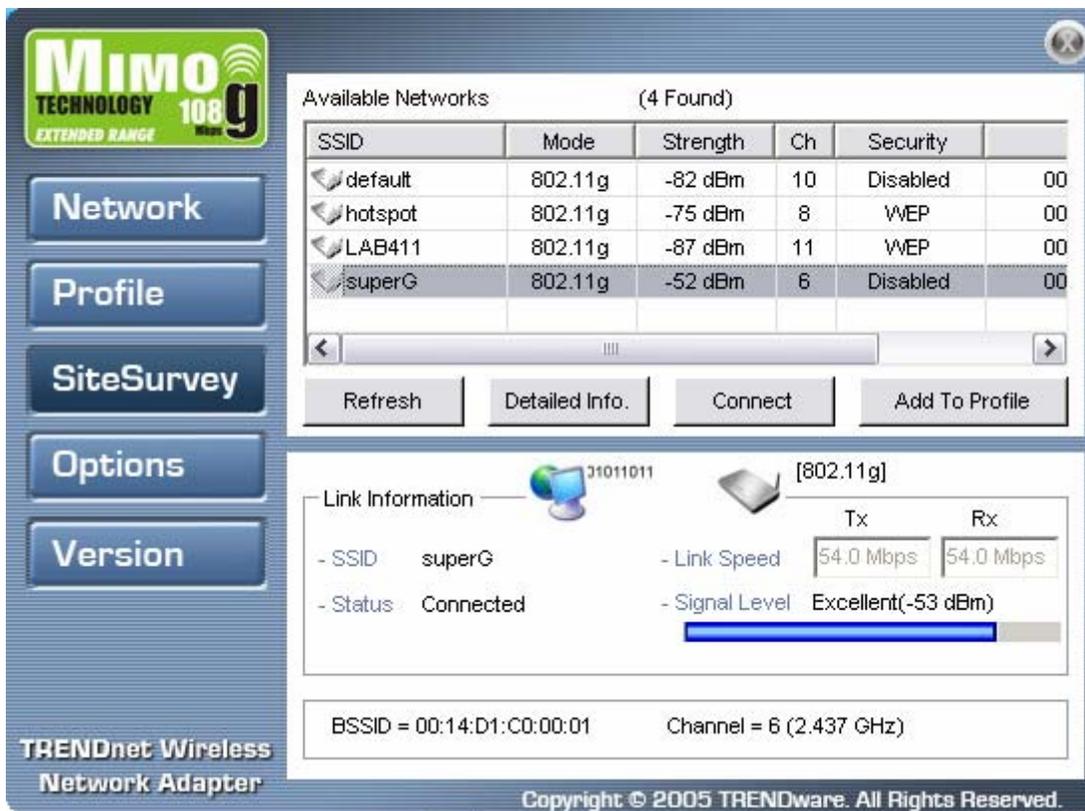
	Tx	Rx
- Link Speed	54.0 Mbps	54.0 Mbps
- Signal Level	Excellent(-51 dBm)	

- SSID superG  
- Status Connected

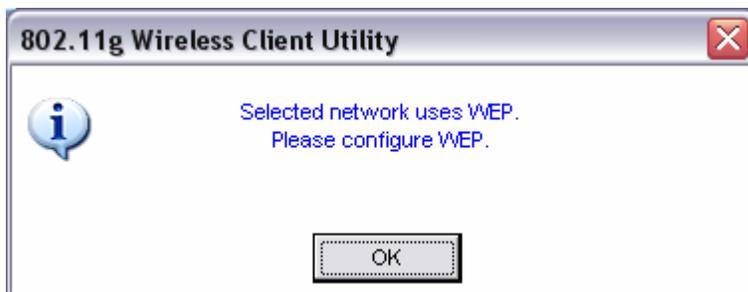
BSSID = 00:14:D1:C0:00:01 Channel = 6 (2.437 GHz)

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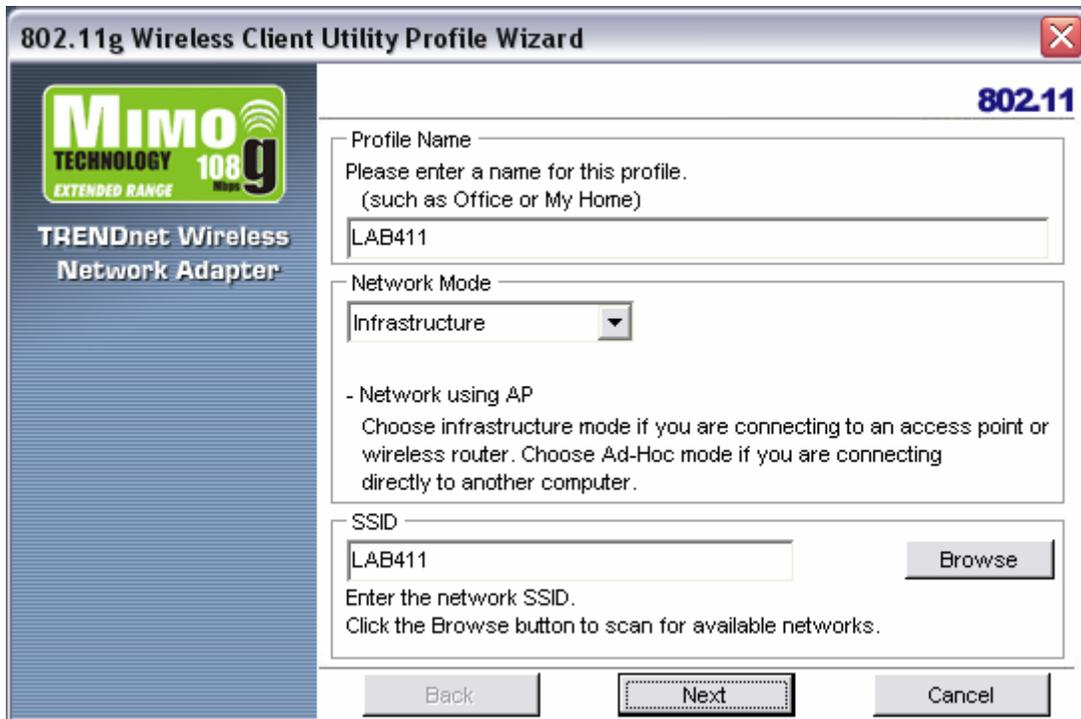
**Step 3** Highlight the wireless network you want to connect to and click “Add to Profile”.



**Step 4** Click “OK”.



**Step 5** Enter a name for the profile and click “Next”.



**802.11g Wireless Client Utility Profile Wizard** 802.11

**MIMO TECHNOLOGY 108g**  
EXTENDED RANGE  
TRENDnet Wireless Network Adapter

Profile Name  
Please enter a name for this profile.  
(such as Office or My Home)

LAB411

Network Mode  
Infrastructure

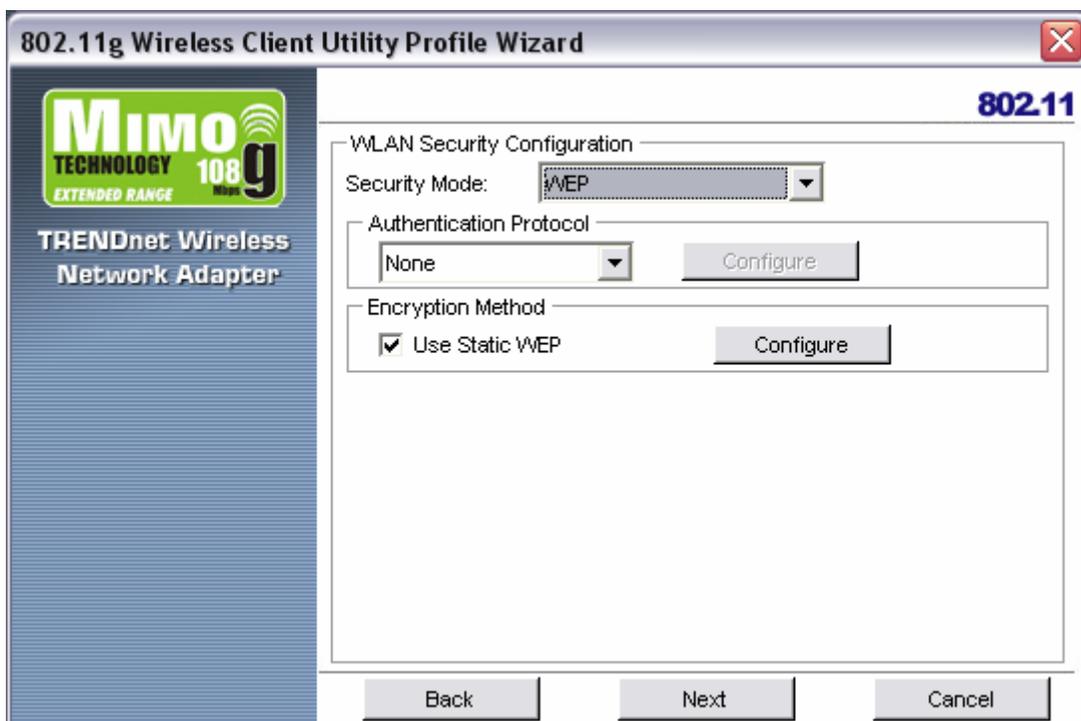
- Network using AP  
Choose infrastructure mode if you are connecting to an access point or wireless router. Choose Ad-Hoc mode if you are connecting directly to another computer.

SSID  
LAB411 Browse

Enter the network SSID.  
Click the Browse button to scan for available networks.

Back Next Cancel

**Step 6** Enter the security parameters defined by the access point you are connecting to and click “Next”.



**802.11g Wireless Client Utility Profile Wizard** 802.11

**MIMO TECHNOLOGY 108g**  
EXTENDED RANGE  
TRENDnet Wireless Network Adapter

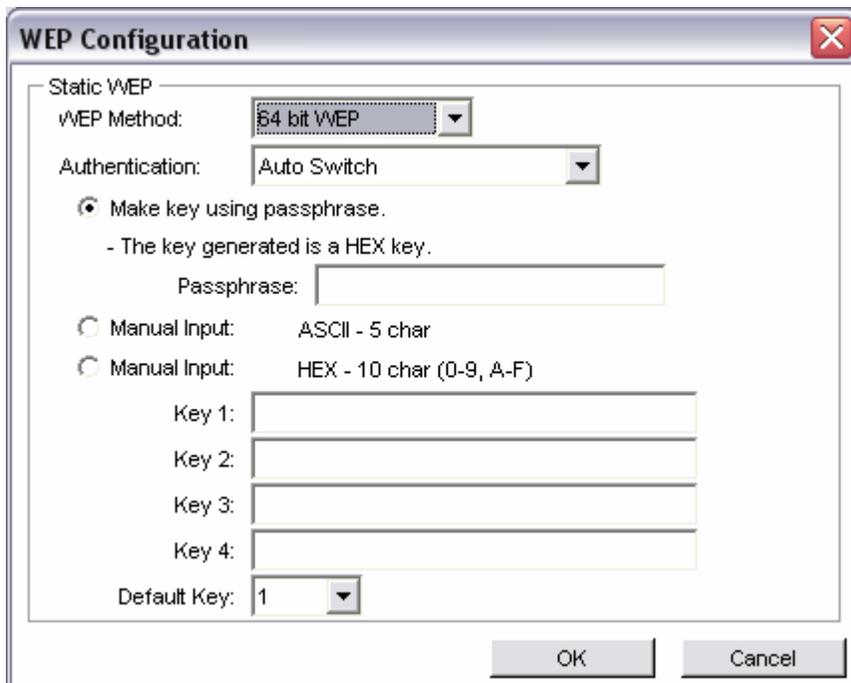
WLAN Security Configuration

Security Mode: WEP

Authentication Protocol  
None Configure

Encryption Method  
 Use Static WEP Configure

Back Next Cancel



**WEP Configuration**

Static WEP

WEP Method: 64 bit WEP

Authentication: Auto Switch

Make key using passphrase.  
- The key generated is a HEX key.  
Passphrase:

Manual Input: ASCII - 5 char

Manual Input: HEX - 10 char (0-9, A-F)

Key 1:

Key 2:

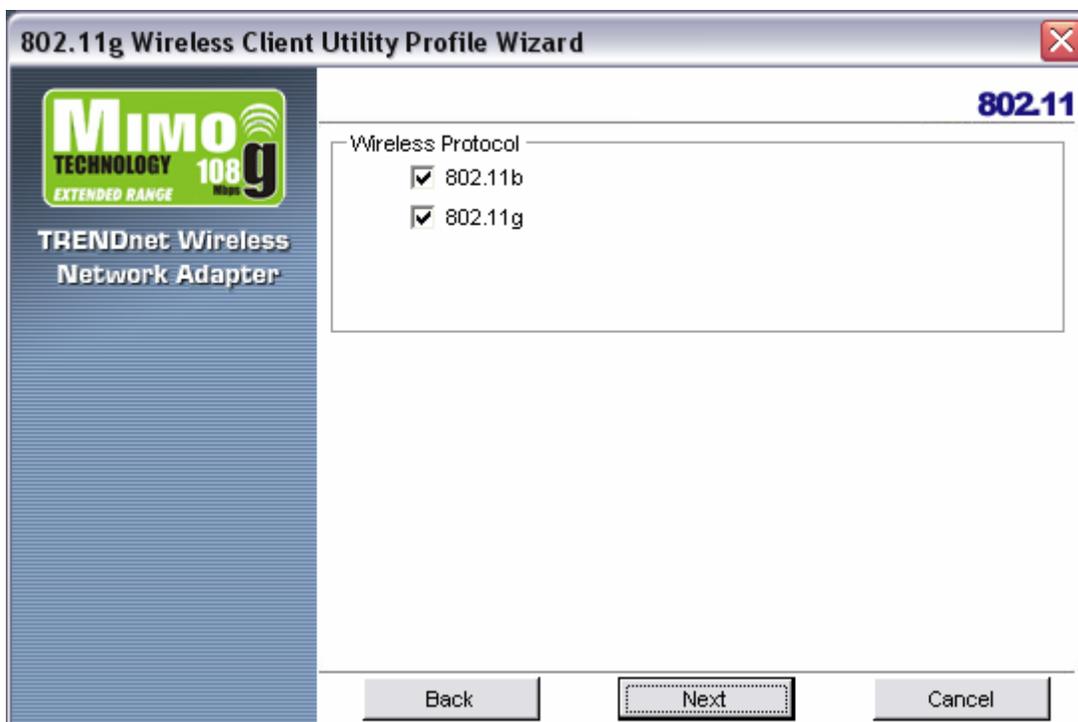
Key 3:

Key 4:

Default Key: 1

OK Cancel

**Step 7** Choose the wireless protocols that are being used by the access point, and then click “Next”.



**802.11g Wireless Client Utility Profile Wizard**

MIMO TECHNOLOGY 108g EXTENDED RANGE  
TRENDnet Wireless Network Adapter

802.11

Wireless Protocol

802.11b

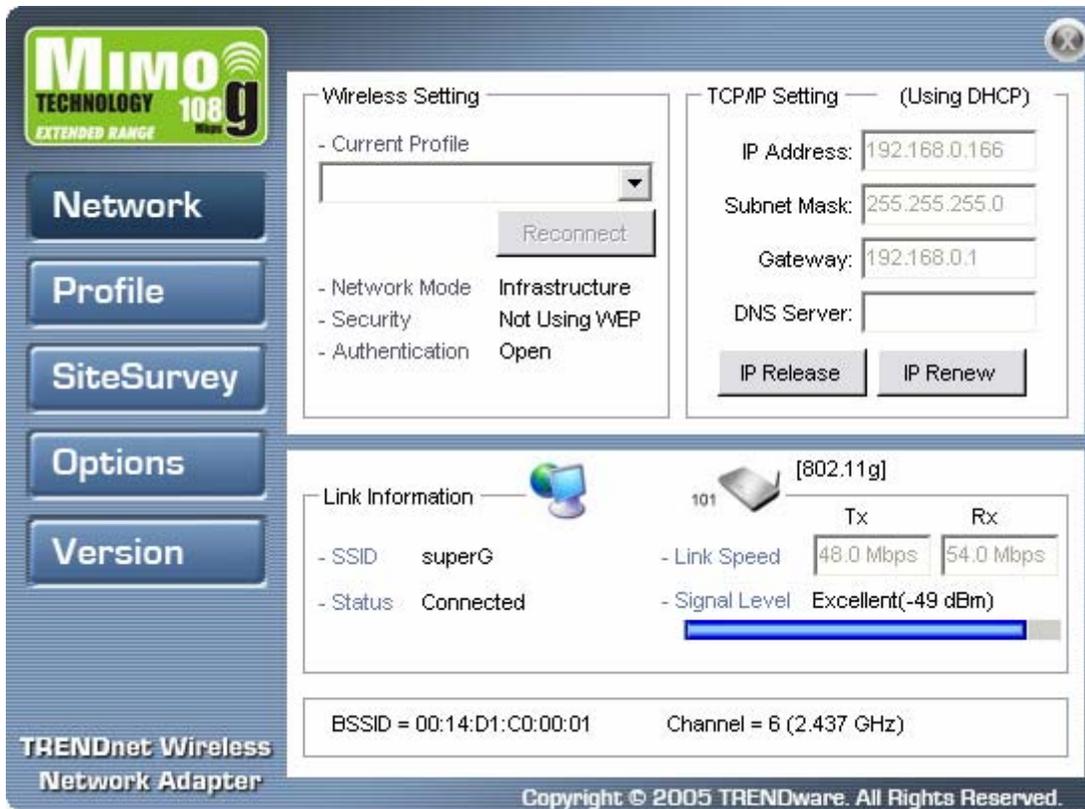
802.11g

Back Next Cancel

**Step 8** To connect place a check mark in “Apply this profile now”, and then click “Save”.



**Step 9** Check the connection status on the Network link on the left hand side.



**MIMO TECHNOLOGY 108g**  
EXTENDED RANGE

**Network**

**Profile**

**SiteSurvey**

**Options**

**Version**

**Wireless Setting**

- Current Profile: [Dropdown]
- Network Mode: Infrastructure
- Security: Not Using WEP
- Authentication: Open

**TCP/IP Setting (Using DHCP)**

- IP Address: 192.168.0.166
- Subnet Mask: 255.255.255.0
- Gateway: 192.168.0.1
- DNS Server: [Empty]

**Link Information**

- SSID: superG
- Status: Connected
- Link Speed: 48.0 Mbps (Tx) / 54.0 Mbps (Rx)
- Signal Level: Excellent(-49 dBm)

BSSID = 00:14:D1:C0:00:01      Channel = 6 (2.437 GHz)

TRENDnet Wireless Network Adapter

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**Q: What is Ad-Hoc Mode?**

A: Peer-to-peer wireless connection between computers when no router or access point is used.

**Q: Why am I getting low signal strength?**

A: There are a number of factors that can impact the range of wireless devices.

- 1) Keep the number of obstructions to a minimum. Each obstruction can reduce the range of a wireless device. Position the wireless devices in a manner that will minimize the amount of obstructions between them.
- 2) Building materials can have a large impact on your wireless signal. In an indoor environment try to position the wireless devices so that the signal passes through drywall or open doorways or space.
- 3) Antenna position can also have a large impact on your wireless signal. Use the adapter's site survey tool to determine the best antenna position for your wireless devices.
- 4) Interference from devices that produce RF noise can also impact your signal. Position your wireless devices away from Microwaves, UPS's, monitors, HAM radios, etc. Also, anything operating on the 2.4ghz frequency will cause interference. Such as 2.4ghz cordless phones or other wireless remotes operating on the 2.4ghz frequency.

If you are experiencing low, or no, signal strength consider repositioning the wireless devices, repeating the signal or using stronger antenna's to boost the signal strength.