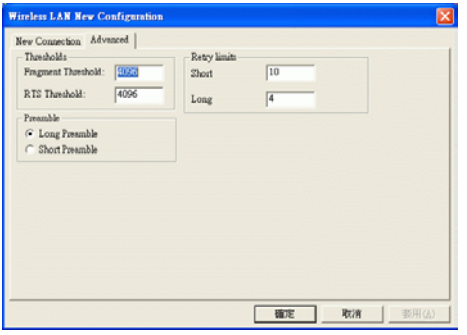
Mode	You can select **IEEE 802.11b(B-Only)**, **802.11b +(B-Plus)** , **802.11g** (**G-Only**)standard or **B&G** Mode (If you choose this option the device will automatically convert the suitable standard).
Profile	Enter the profile name and click the **Save** button to save your configuration, To open the profiles you saved, select the profile from the pull-down menu and then click the **Load** button. To delete the profiles you saved, select the profile from the pull-down menu and then click the **Delete** button.
Tx Power Level	Transmit power level, includes **Low Power**, **Medium-Low Power**, **Medium Power**, **Medium-High Power**, **High Power**

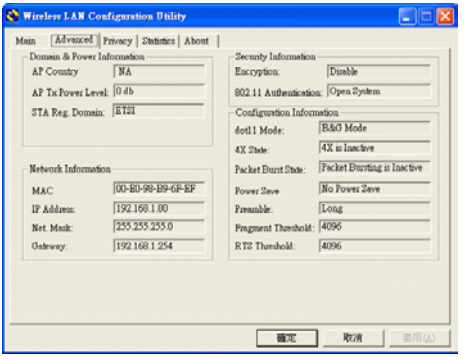


Fragment Threshold	To fragment MSDU or MMPDU into small sizes of frames for increasing the reliability of frame (The maximum value of 4096 means no fragmentation is needed) transmission. The performance will be decreased as well, thus a noisy environment is recommended.
RTS Threshold	This value should remain at its default setting of **4096**. Should you encounter inconsistent data flow, only minor modifications of this value are recommended.

Preamble	A preamble is a signal used in wireless environment to synchronize the transmitting timing including Synchronization and Start frame delimiter. (**Note**: If you want to change the Preamble type into **Long** or **Short**, please check the setting of AP.)
Retry limits	You can set the number of retries if no acknowledgement appears from the receiving station.

Advanced Tab

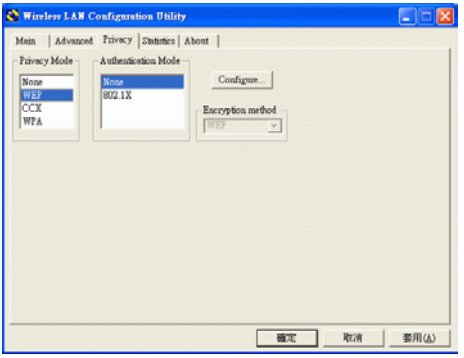
The **Advanced** tab displays the current status of the Wireless Network Adapter.



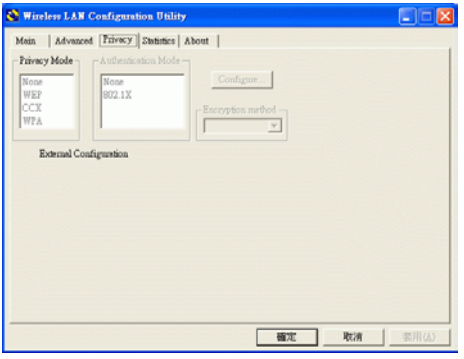
Privacy Tab

Use the **Privacy** Tab to configure your WEP, CCX and WPA settings. **WEP (Wired Equivalent Privacy), CCX（Cisco Compatible Extension）and WPA（WiFi Protected Access）**encryption can be used to ensure the security of your wireless network.

If you left **External Configuration** unchecked in the Main tab (see page 18), functions in the following figure will be enabled.



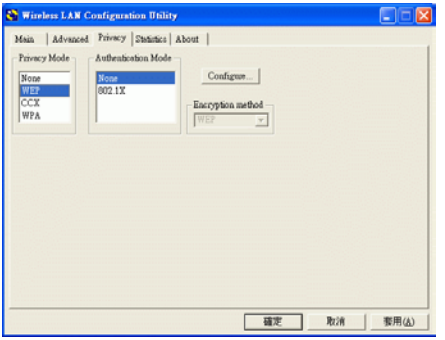
If you checked **External Configuration** in the Main tab (see page 18), functions in the following figure will be disabled.



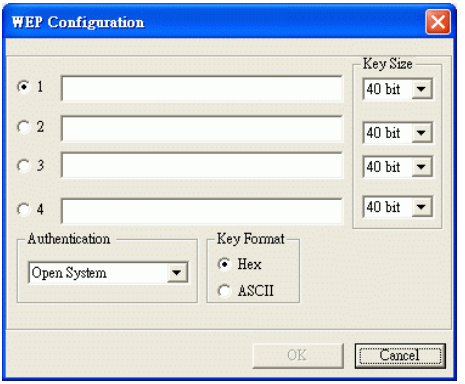
Privacy Mode	Configure your **NONE, WEP**, **CCX, 802.1x and WPA** settings： **NONE**：No security defined. **WEP (Wired Equivalent Privacy)** is a data security mechanism based on a 40 Bit/128 Bit/256 Bit shared key algorithm. Press the **Cofigure** button to change WEP configuration. **CCX（Cisco Compatible Extension）.** It

	provides user-based, centralized authentication, as well as per-user wired equivalent privacy (WEP) session keys. Press the **Configure** button to change CCX configuration. The **802.1X Configuration** window is used to configure WEP, CCX and WPA security with 802.1X authentication. **WPA（WiFi Protected Access）**encryption can be used to ensure the security of your wireless network.

WEP Configuration



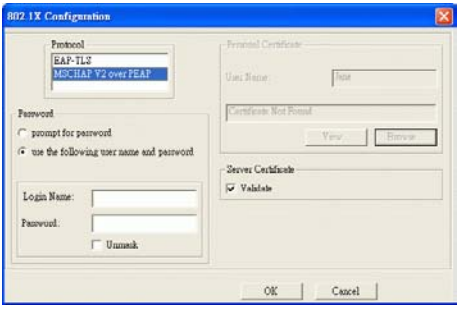
None：



Encryption 1-4	To configure your WEP settings. **WEP (Wired Equivalent Privacy)** encryption can be used to ensure the security of your wireless network. Select one **Key** and **Key Size** then fill in the appropriate value/phrase in **Encryption** field. ***Note****: You must use the same* ***Key*** *and* ***Encryption*** *settings for the both sides of the wireless network to connect* **KEY1 ~ KEY 4：**You can specify up to 4 different keys to *decrypt* wireless data. Select the Default key setting from the radio button. **Encryption：**This setting is the configuration key used in accessing the wireless network via WEP encryption. A key of **10** hexadecimal characters (0-9, A-F) or **5** characters (ASCII) is required if a **64-bit Key Length** was selected. A key of **26** hexadecimal characters (0-9, A-F) or 13 characters (ASCII) is required if a **128-bit Key Length** was selected. A key of **58** hexadecimal characters (0-9, A-F) or **29** characters (ASCII) is required if a **256-bit Key Length** was selected.
Key size	**40 Bit**, **128 Bit** or **256 Bit**.

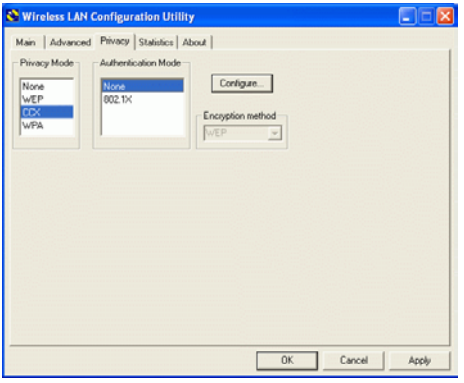
802.1x Configuration

The **802.1X Configuration** window is used to configure WEP, CCX and WPA security with 802.1X authentication.



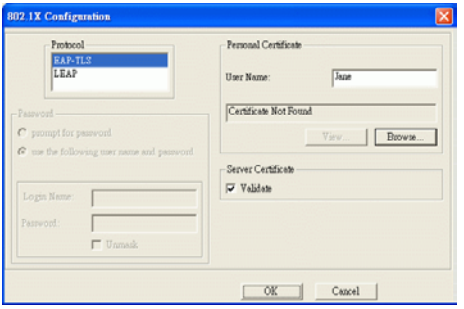
Protocol	This panel enables you to select an authentication protocol.
Password	This panel is available when EAP-TLS is not selected (either MSCHAP V2 over PEAP is selected with WEP or LEAP is selected for CCX). This panel enables you to enter a login name and password or request that the driver prompt for them when you connect to a network.
Personal Certificate	This panel is available when EAP-TLS protocol is selected and enables you to select a certificate for authenticating the station.
User Name	Type in the user name assigned to the certificate.
Browse	Select a certificate by clicking **Browse**.
Server Certificate	You can select to enable or disable server certificate.

CCX Configuration



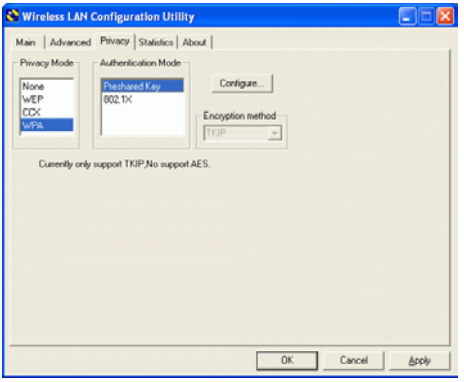
None：You may refer to page 25(WEP Configuration).

802.1x：

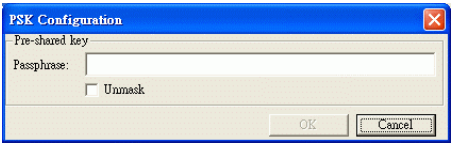


EAP-TLS	EAP-TLS is a mutual authentication method, which means that both the client and the server prove their identities.
LEAP	Network administers have been taking advantage of the simplified user and security administration that **LEAP** provides. Before the security authentication is started, you should enter the **user name** and **password** or the authentication process will fail.

WPA settings

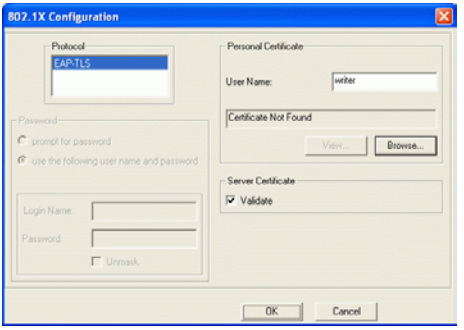


Preshared Key：



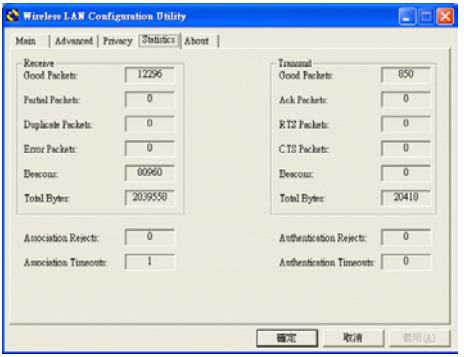
Passphrase：Enter the key that you are sharing with the network for the WLAN connection.

802.1x：You may refer to page 25(802.1x Configuration).



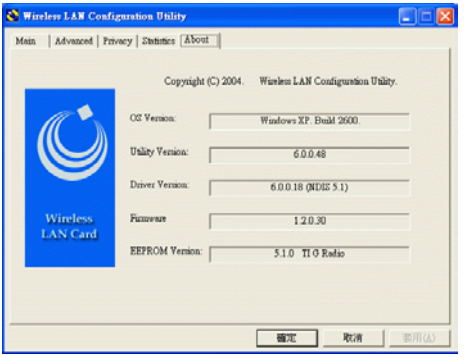
Statistics Tab

The **Statistics** Tab displays the available statistic information including **Receive packets, Transmit packets, Association reject packets, Association timeout packets, Authentication reject packets, Authentication timeout packets**.



About Tab

Click on the **About** tab to view basic version information about the **OS Version, Utility Version, Driver Version, Firmware Version** and **EEPROM Version**.

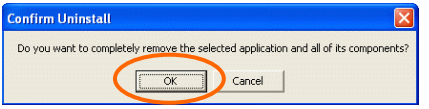


UNINSTALLATION

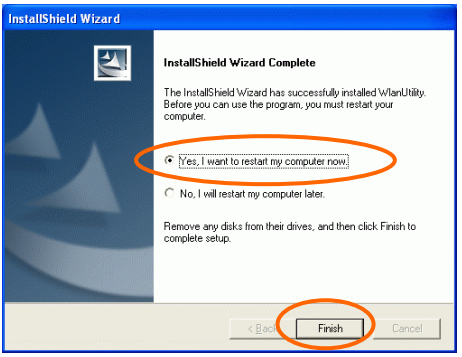
In case you need to uninstall the Utility and driver, please refer to below steps. (As you uninstall the utility, the driver will be uninstalled as well.)

1. Go to **Start → Programs →WLanUtility → Uninstall Wireless LAN Utility**.

2. Click **OK** to continue.



3. Select **Yes, I want to restart my computer now**, and then click **Finish** to complete the uninstalled procedure.


InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed WlanUtility. Before you can use the program, you must restart your computer.
Yes, I want to restart my computer now.
No, I will restart my computer later.
Remove any disks from their drives, and then click Finish to complete setup.
< Back
Finish
Cancel