Dynalink

WLAN PCI Adaptor
User Manual

WLG25PCI

Table of Contents

Introduction

Thank you for purchasing the *Wireless Adapter*.. This Wireless Adapter is easy to use and easy to setup. If you are tired of all those messy wires needed to connect a lap-top to your Home network, then take your networking to the next level with the Wireless Adapter. You will be able to share files, printers and even your High-Speed Internet access wirelessly.

Package Contents

Make sure the following items came in this package:

- Wireless Adapter
- Wireless Adapter Installation and User's Manual CD

Minimum System Requirements

- Microsoft Windows 98 Second Edition (SE), Windows ME, Windows XP, or Windows 2000 installed

Connecting the Wireless Adapter

PCMCIA

1. Your computer can be on or off, it will not affect the installation process. Locate an available Type II or Type III PCMCIA slot on your laptop. If you are not sure where this may be, please consult your laptop's User Manual.
2. Insert the Wireless Adapter into the appropriate PCMCIA slot. Your hardware is now installed.

PCI

1. Power down the computer.
2. Locate the PCI slot on the motherboard, and carefully insert the PCI Wireless Adapter.
3. Power on the computer.

MiniPCI

1. Power down the notebook computer.
2. Locate the MiniPCI slot on the notebook, and carefully insert the MiniPCI Wireless Adapter.
3. Power on the notebook computer.

Installing the Wireless Adapter

Note: If you have installed the Wireless Adapter driver before, please uninstall the old version first.

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1. After you have installed the Wireless Adapter your computer will display a **Found New Hardware Wizard** screen, click Cancel to continue.
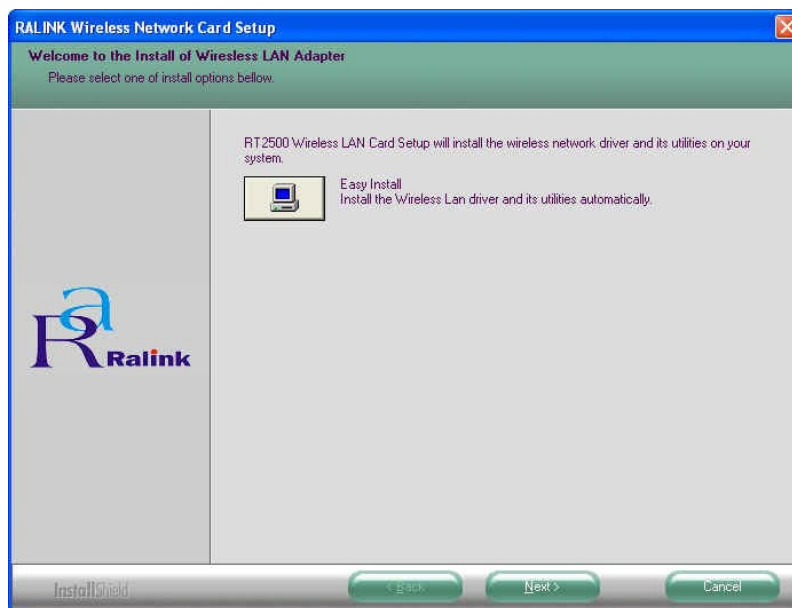

2. Insert Wireless Adapter Installation and User's Manual CD into your CD-ROM, then the installation will be activated automatically. Or you may go to the directory where the Wireless Adapter Installation stored, then double-click InstallShield Setup Launcher to begin the installation.

RaLink2_RT2560
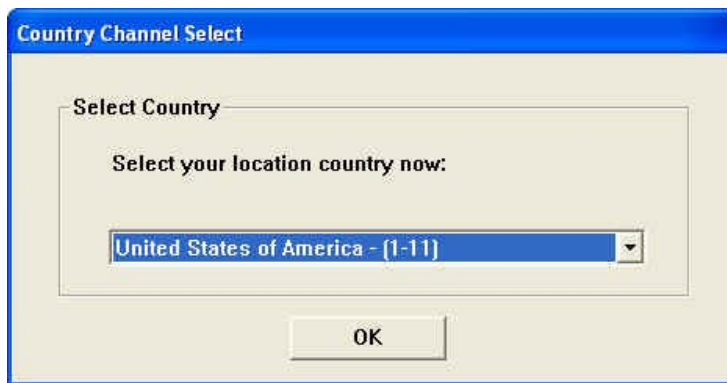InstallShield (R) Setup Launcher
InstallShield Software Corpora...

3. Main Menu screen will display, click Install Driver to continue.

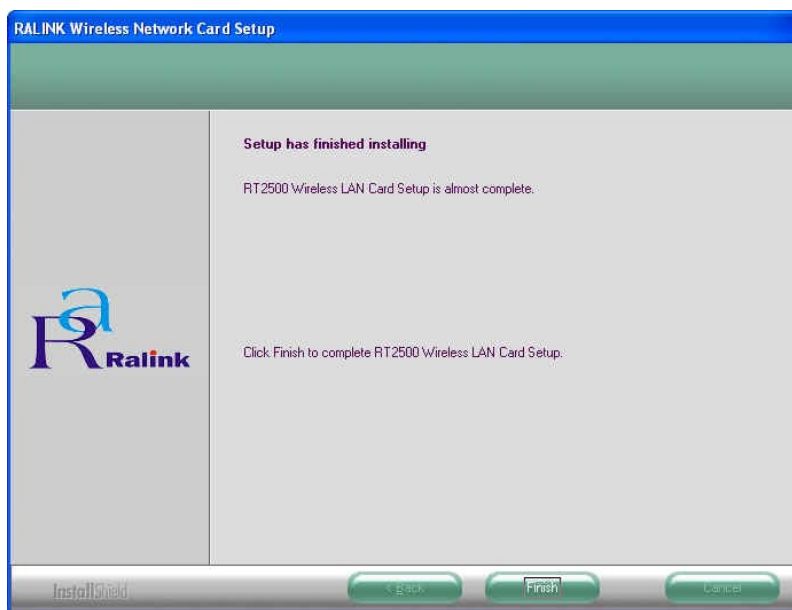

4. RALINK Wireless Network Card Setup will install the driver on your system, click Next to continue.

5. Select the Country Channel, and click Next to continue.

Country Channel Select

Select Country

Select your location country now:

United States of America - (1-11)

OK

6. The installation is now complete.　Please click Finish.

RALINK Wireless Network Card Setup

Setup has finished installing

RT2500 Wireless LAN Card Setup is almost complete.

Ralink

Click Finish to complete RT2500 Wireless LAN Card Setup.

InstallShield　　< Back　　Finish　　Cancel

Note: When you complete the installation, the utility icon will appear on the system tray. If not, it means that the installation failed. Please uninstall the driver and repeat the process.

7. Right-click the utility icon , Utility Selection screen will display, select the utility you want to use.
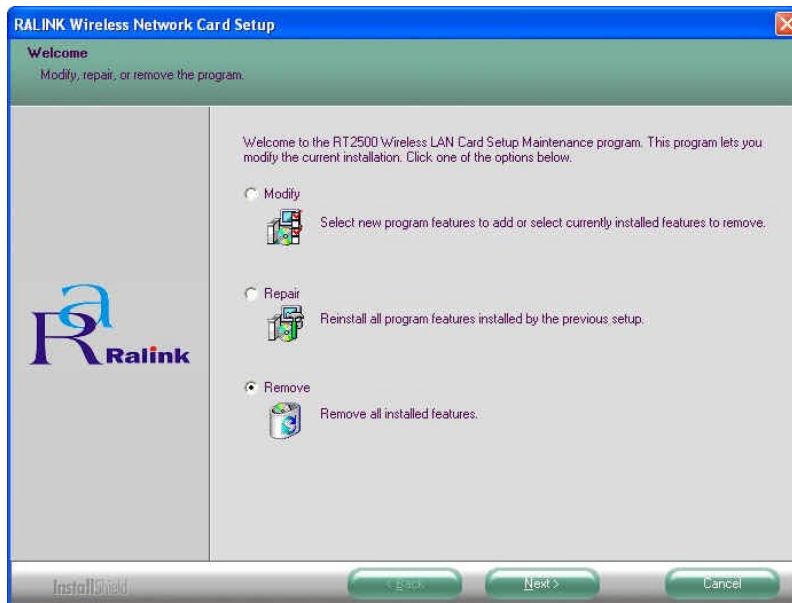
Launch Config Utilities
Use RaConfig as Configuration utility
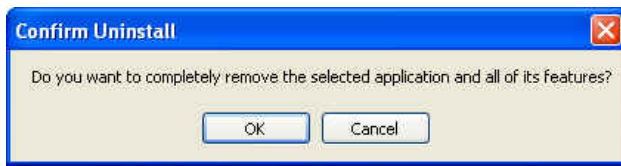Exit

Uninstalling the Wireless Adapter

1. For uninstalling the Wireless Adapter, please go to: **Start -> Programs -> Ralink -> RT2500** under Windows environment. Then click Uninstall.
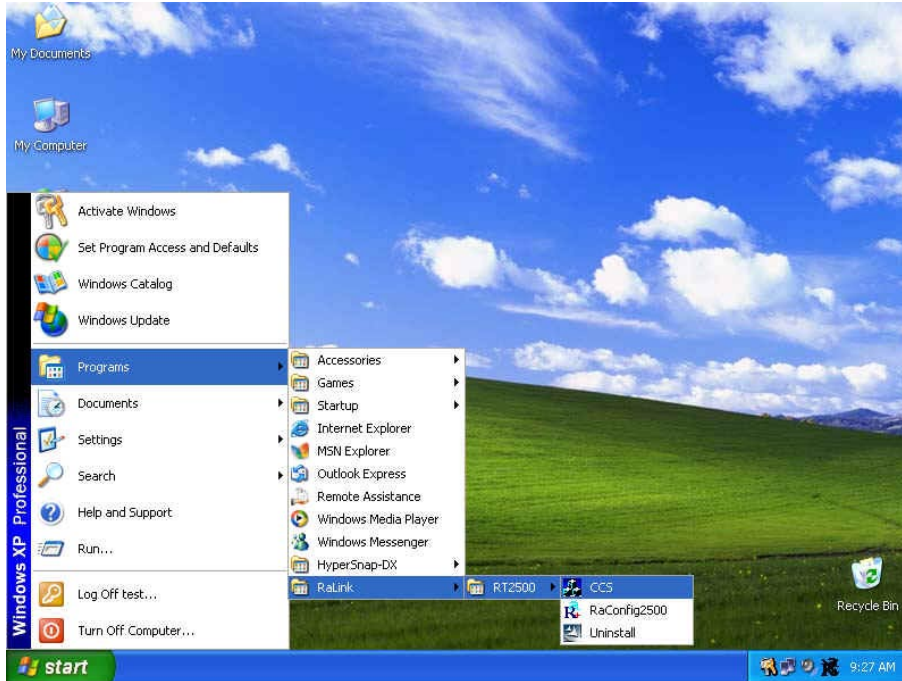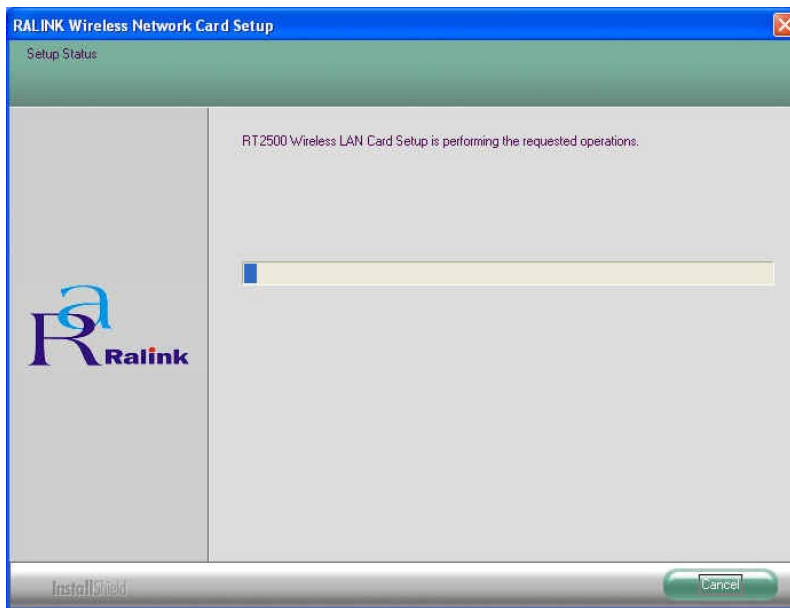

2. Select Remove to uninstall the Wireless Adapter.

3. The **Confirm Uninstall** screen will display, click OK to confirm.

4. Wait for removing the utility.

5. After completing the uninstallation, click OK.

Configuring the Wireless Adapter
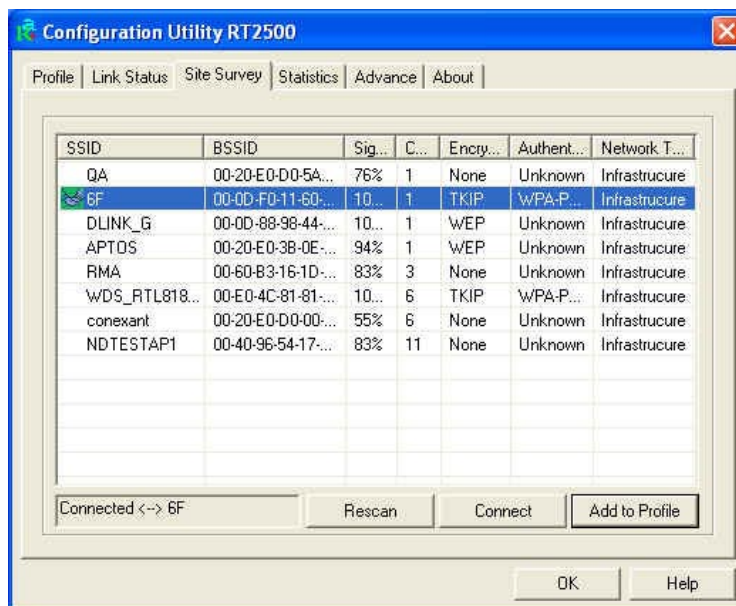
Double-click the utility icon ![icon] in your system tray to begin the utility configuration.

Connecting to an existing network

Select **Site Survey** Tab, all available Access Points would be listed.

Click on the desired Access Point, and click Connect to connect.

Configuration

● Profile

The **Profile Tab** allows you to set values for all parameters by selecting a previously defined profile. To create a profile, click Add, type a profile name and set the corresponding parameters. If one of the profiles is no longer used, you may remove it by clicking the Delete button. After changing parameters, click the Activate button to take effect. You can have multiple profiles and modify the profile at any time.
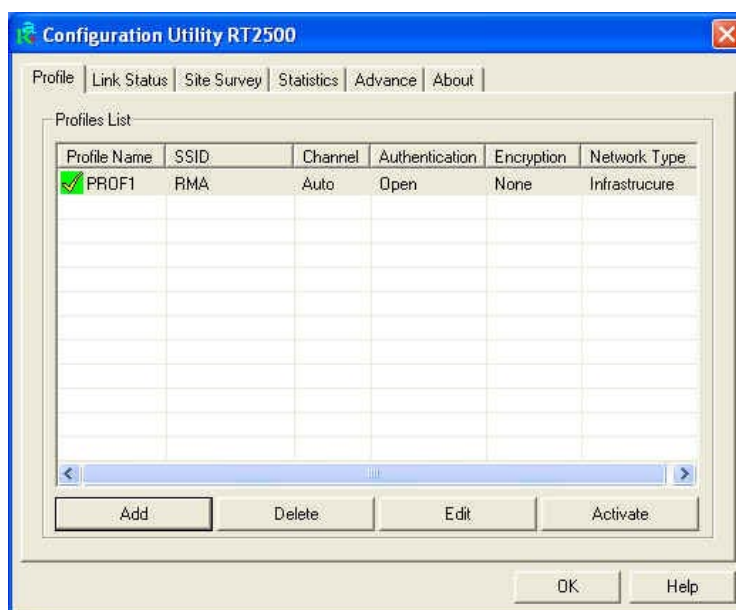
● Link Status
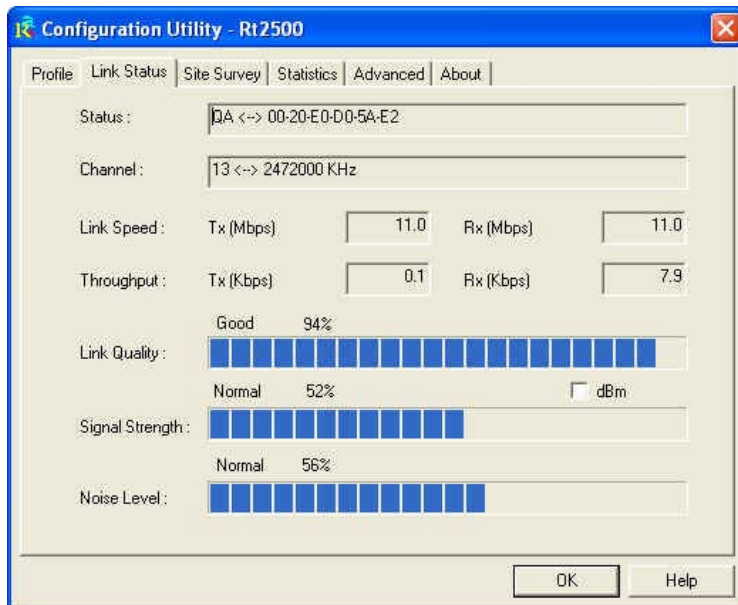
Status

The field shows the association status to available Access Point with

SSID<->MAC address of the Access Point.

Channel

Shows the channel on which the connection is made.

Link Speed

Shows the highest transmit rate of the current association.

Throughput

This displays the instantaneous wireless Receive and Transmit throughput in Kbits per

second.

Link Quality / Signal Strength

The Link Quality and Signal Strength bar graph is only active when the node

is in Infrastructure Mode. The bar graph displays the quality and strength of

the link between the node and its Access Point.
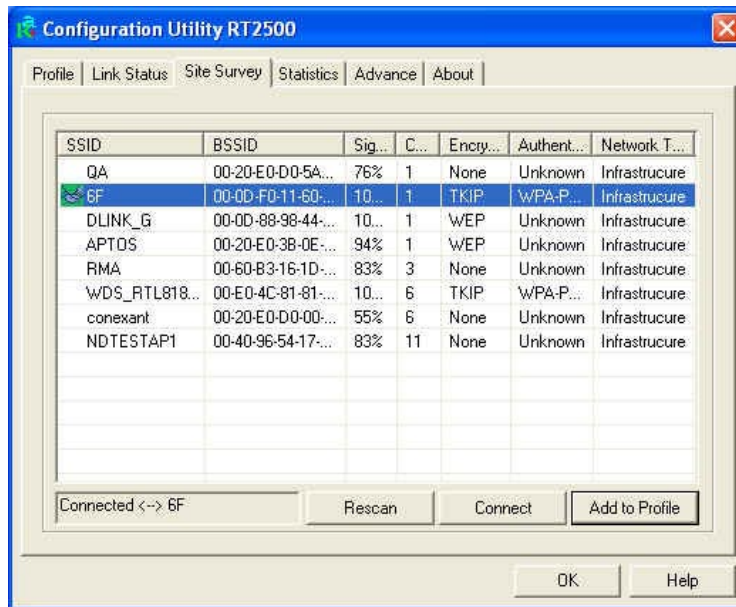
Noise Level

This displays the noise level of the link between the node and its Access Point.

● Site Survey

Site Survey Tab lists the features of the available Access Points within range of the Wireless

Adapter's signal.

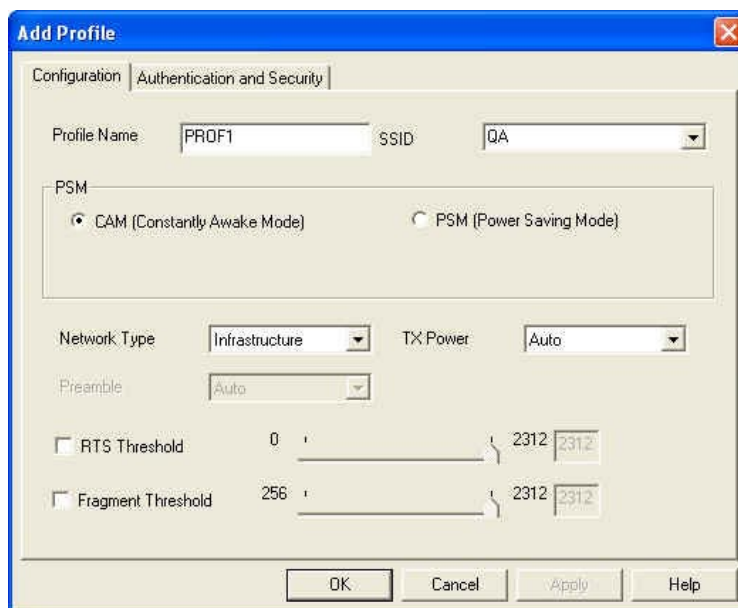Click on the desired Access Point, and click Connect to connect.

You may click Rescan to refresh the list.

Add to Profile

You may select an Access Point, and click Add to Profile to include it to Profile List.

Under **Add Profile** screen / **Configuration** Tab, you may set Power Saving Mode, Network

Type, Transmit Power, RTS Threshold, and Fragment Threshold.

Under **Add Profile** screen / **Authentication and Security** Tab, you may set Authentication Type, Disable 802.1x, 802.1x Setting, Encryption, WPA Preshared Key, and Wep Keys.

Click OK when you have finished the settings.

Or click Cancel to abort your new settings for Add to Profile.

Select **Profile** Tab, you may find the new added profile in Profile List.

● Statistics

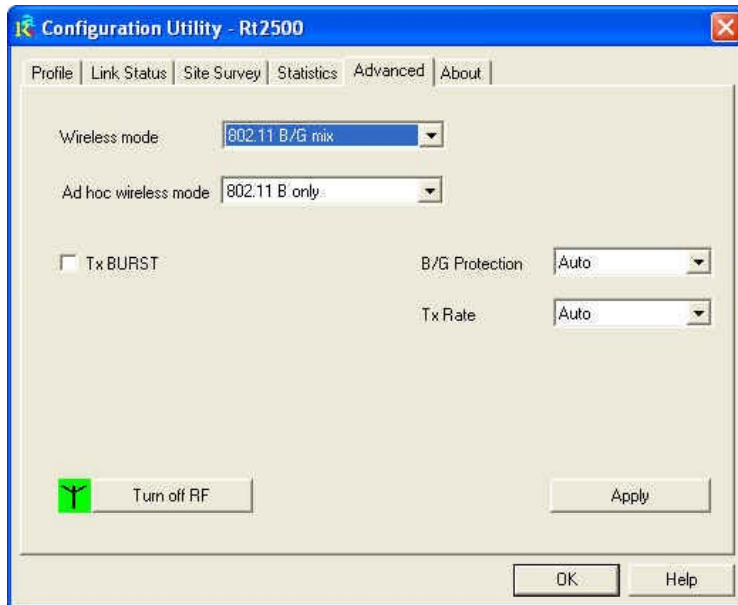The **Statistics** Tab provides information about the Transmit and Receive frames.
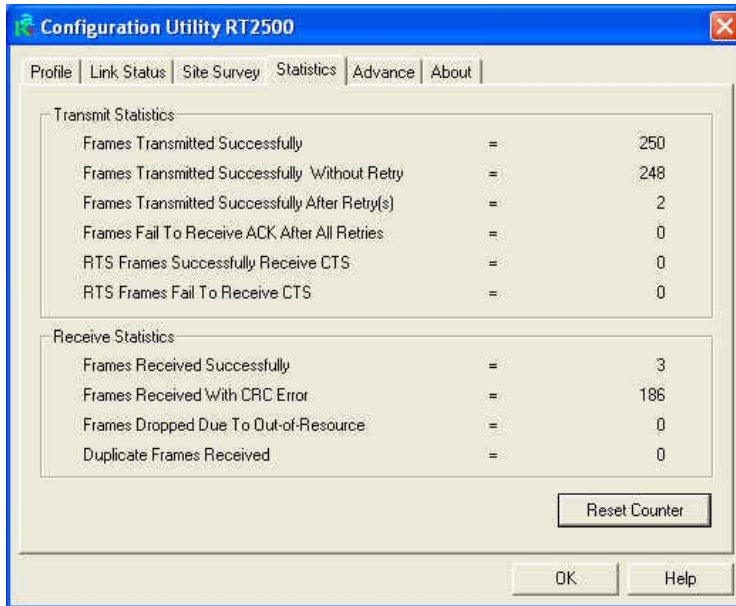
● Advance

The Configuration Utility also offers the advanced configuration for user to set the Wireless Adapter under certain network environment. These advanced options include Wireless Mode, Ad hoc wireless mode, TX BURST, B/G Protection, Tx Rate, and Turn Off RF.

● About

About Tab shows the product version including the detail of Configuration Utility, Driver, EEPROM, and NIC MAC Address.