



WLAN USB Adaptor User Manual

WLG25USB

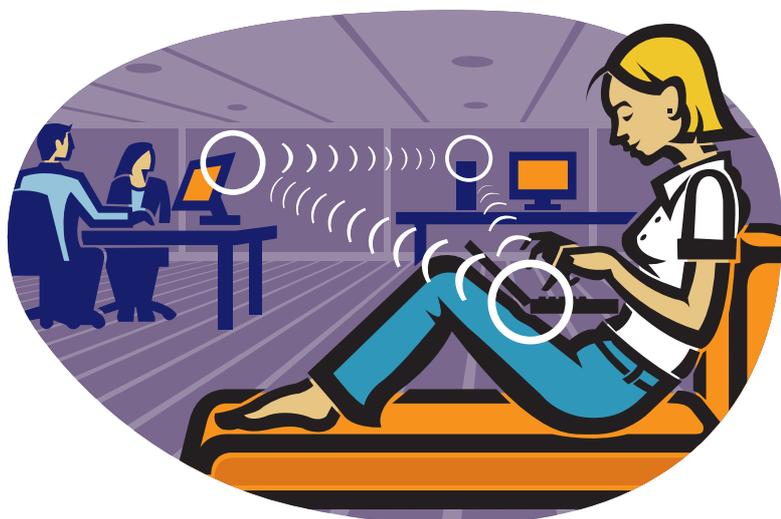


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Introduction

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

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

Status LEDs

LED	MEANING
POWER	Indicates that the Wireless Adapter is powered on when the LED lights up.
LINK	Indicates link status. If the light is blinking, it means there is data sending or receiving via wireless.

Installing the Wireless Adapter

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

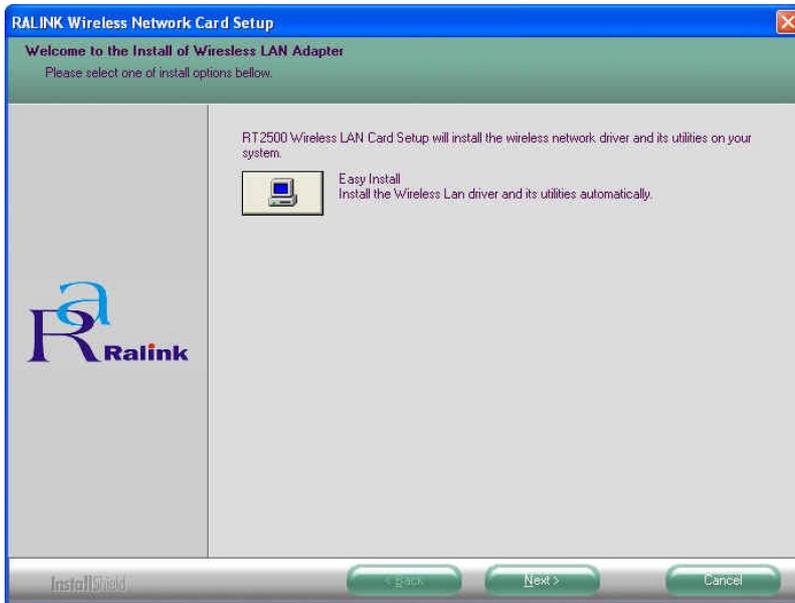
1. After you have installed the Wireless Adapter your computer will display a **Found New Hardware Wizard** screen, click **Cancel** to continue.



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.



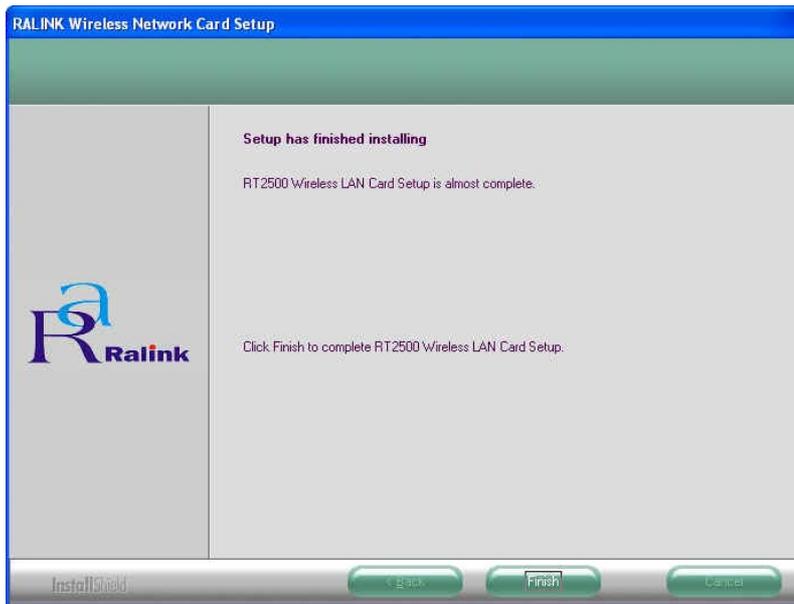
3. RALINK Wireless Network Card Setup will install the driver on your system, click **Next** to continue.



4. Select the Country Channel, and click **Next** to continue.



5. The installation is now complete. Please click **Finish**.



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.

6. Right-click the utility icon , Utility Selection screen will display, select the utility you want to use.

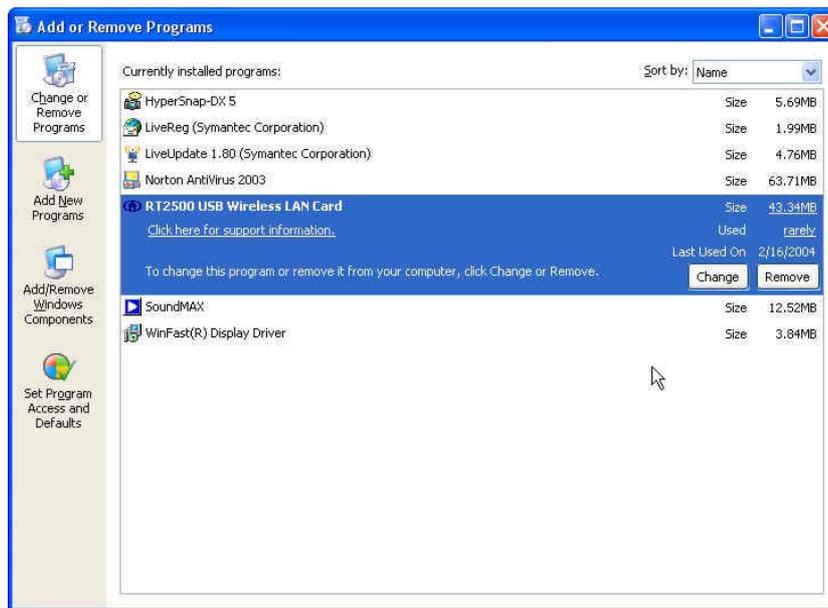
Launch Config Utilities
Use RaConfig as Configuration utility
Exit

Uninstalling the Wireless Adapter

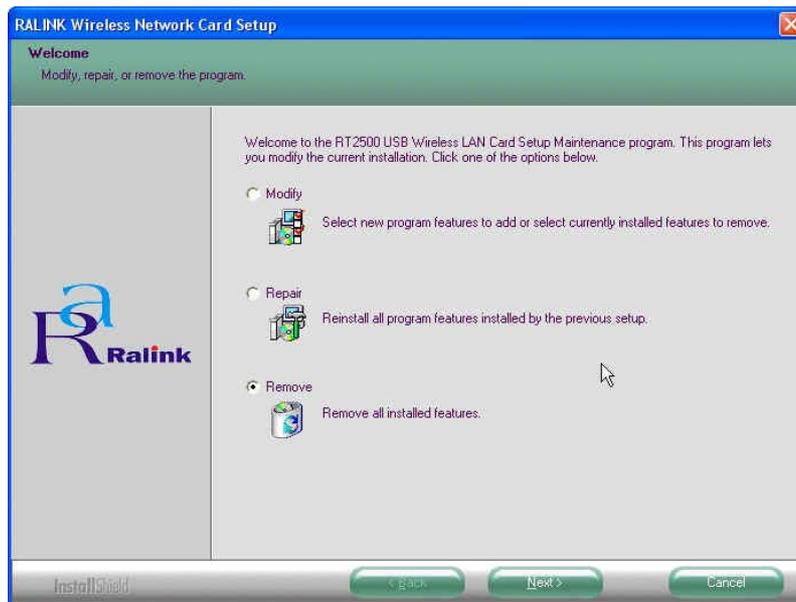
1. For uninstalling the Wireless Adapter, please go to: **Start -> Settings -> Control Panel -> Add or Remove Programs -> RT2500 USB Wireless LAN Card** under Windows environment. Then click **Remove**.



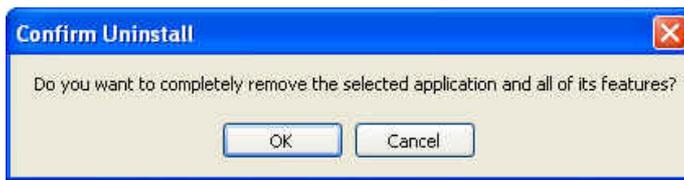
Add or Remove Programs



2. Select **Remove** to uninstall the Wireless Adapter.



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



4. After completing the uninstallation, click **OK**.



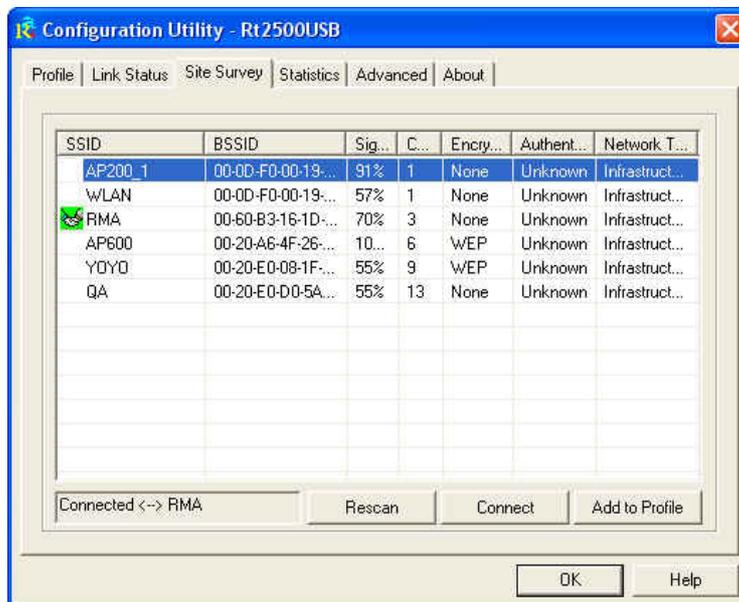
Configuring the Wireless Adapter

Double-click the utility 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.

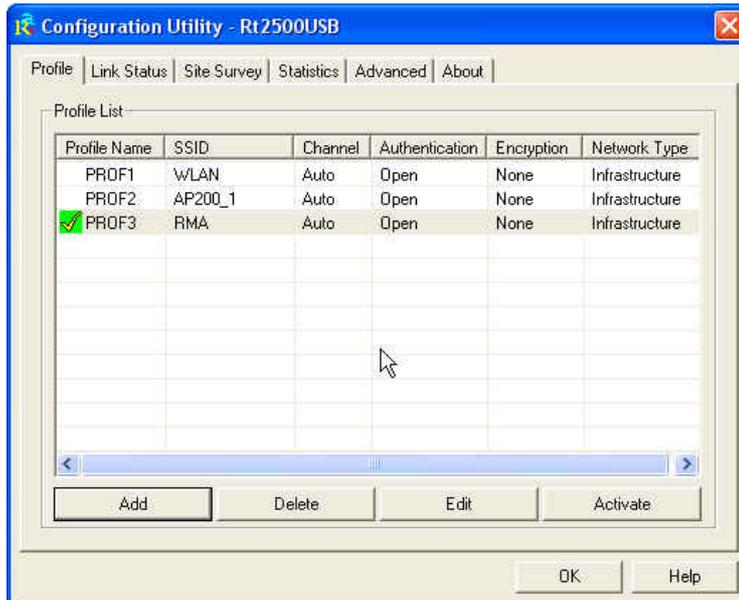
Click on the desired Access Point, and click **Connect** to connect.



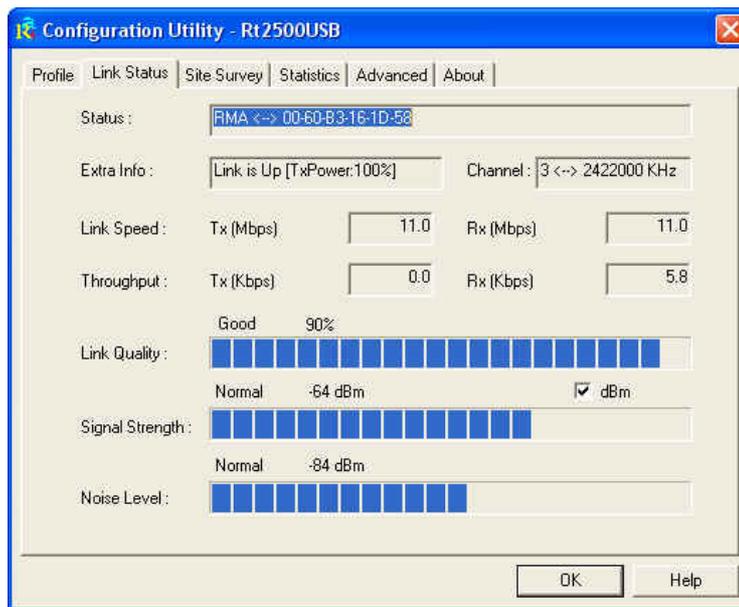
Configuration

- **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.

Extra Info

Shows whether the link is up or down.

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

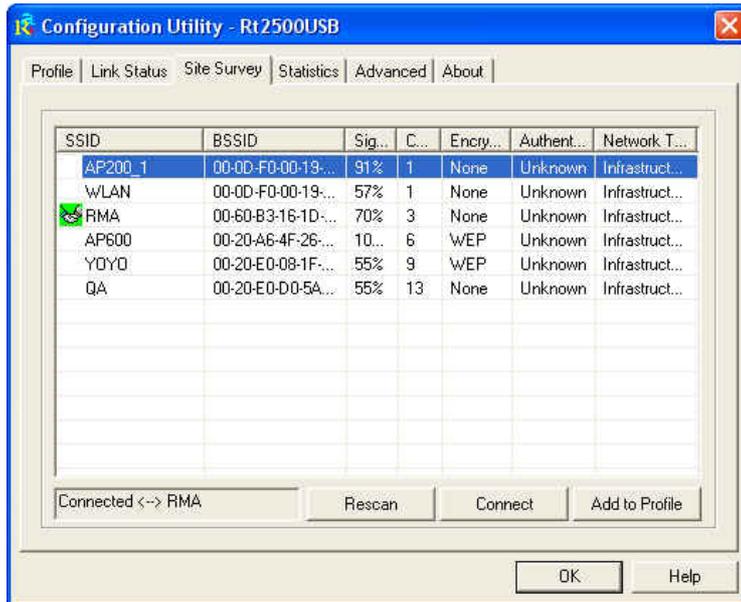
This displays the noise level of the link between the node and its Access Point.

● 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.

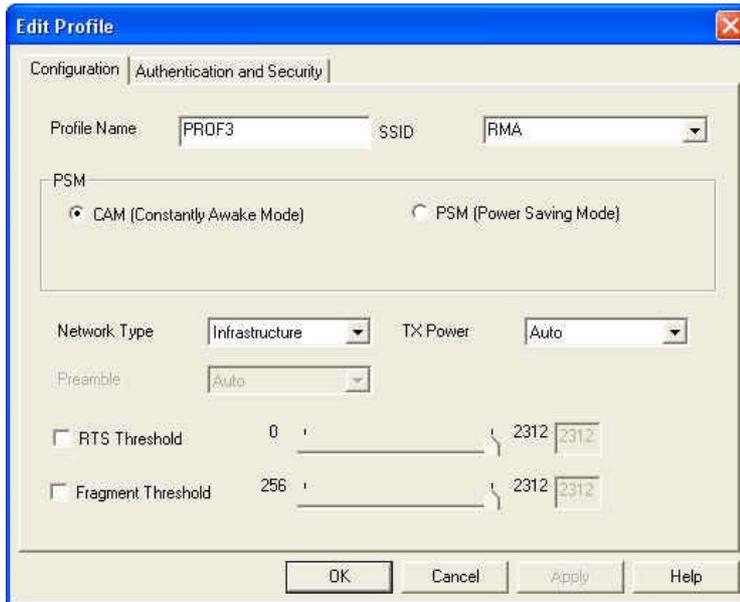
You may click **Rescan** to refresh the list.



Add to Profile

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

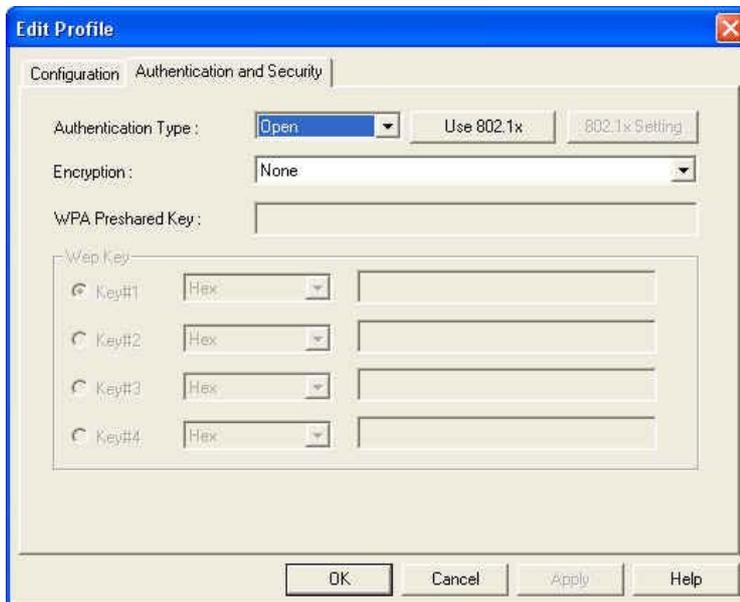
Under **Add Profile screen / Configuration** Tab, you may set Power Saving Mode, Network Type, Transmit Power, RTS Threshold, and Fragment Threshold.



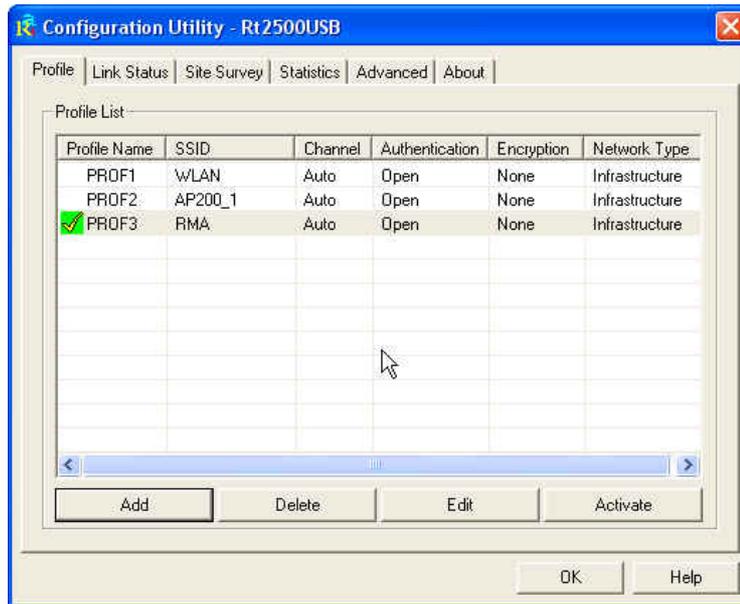
Under **Add Profile screen / Authentication and Security** Tab, you may set Authentication Type, Disable 802.1x, 802.1x Setting, Encryption, WPA Preshared Key, and Wep Keys.

Click **OK** when you have finished the settings.

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

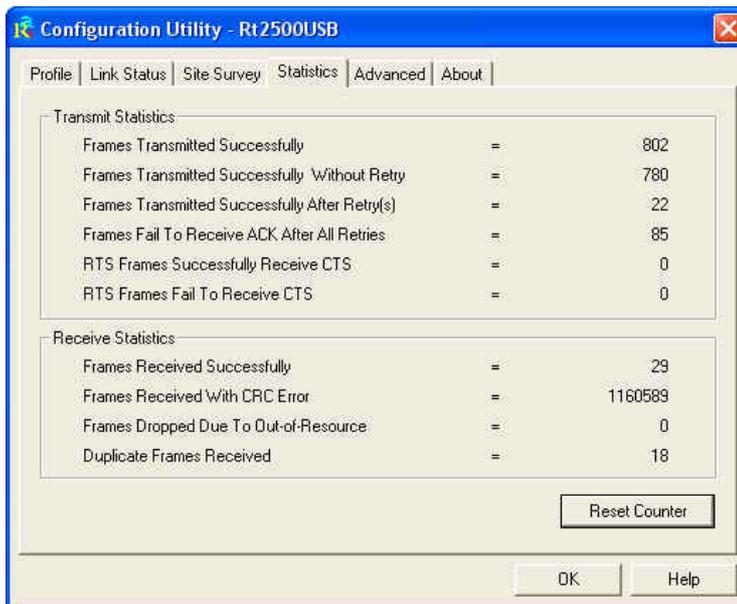


Select **Profile** Tab, you may find the new added profile in Profile List.



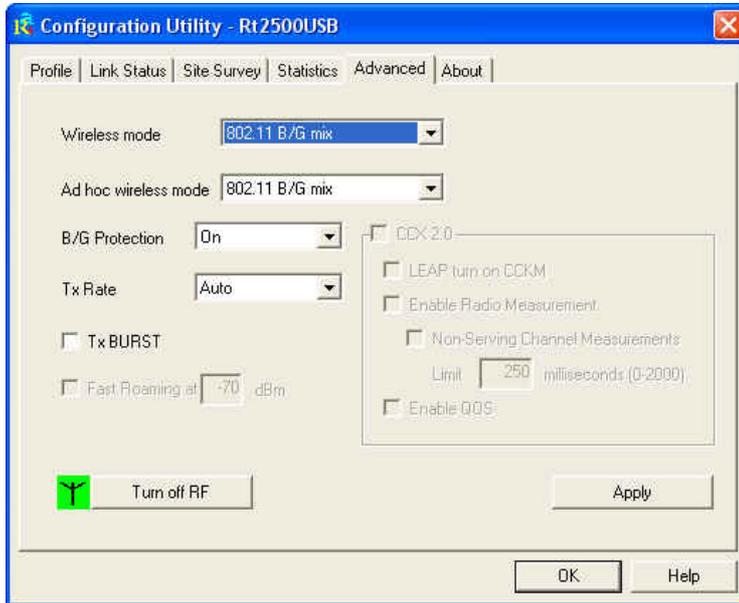
- **Statistics**

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, B/G Protection, Tx Rate, TX BURST, and Turn Off RF.



- **About**

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

