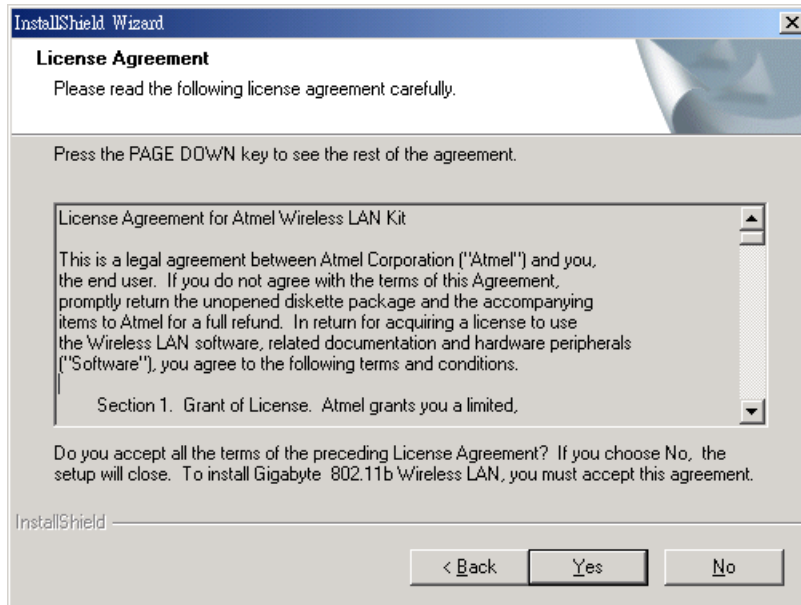
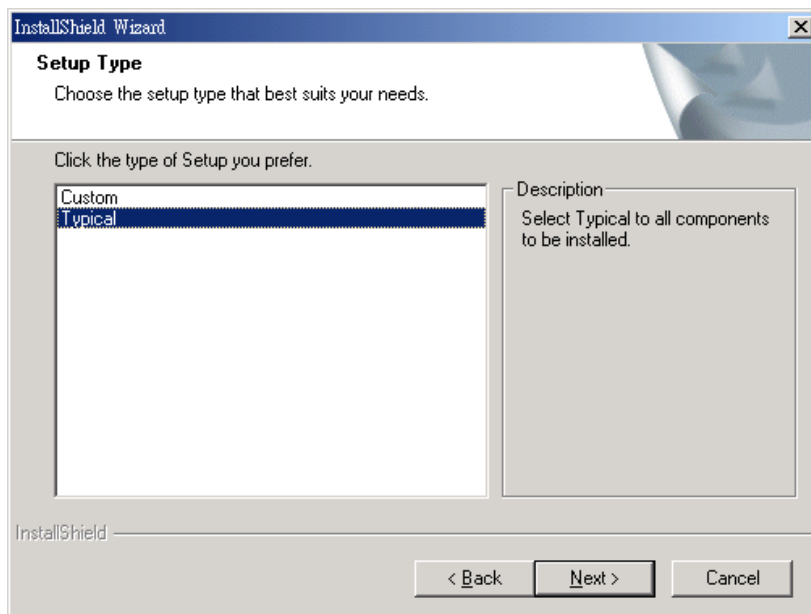
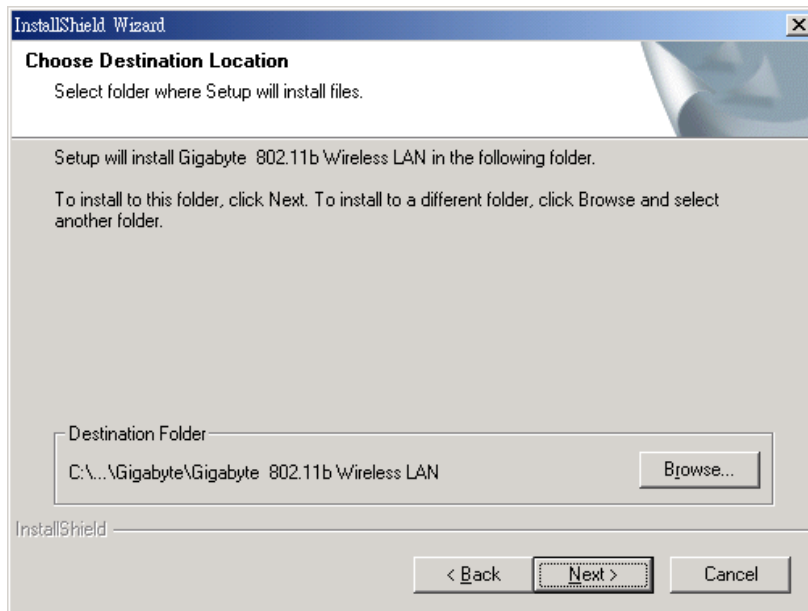




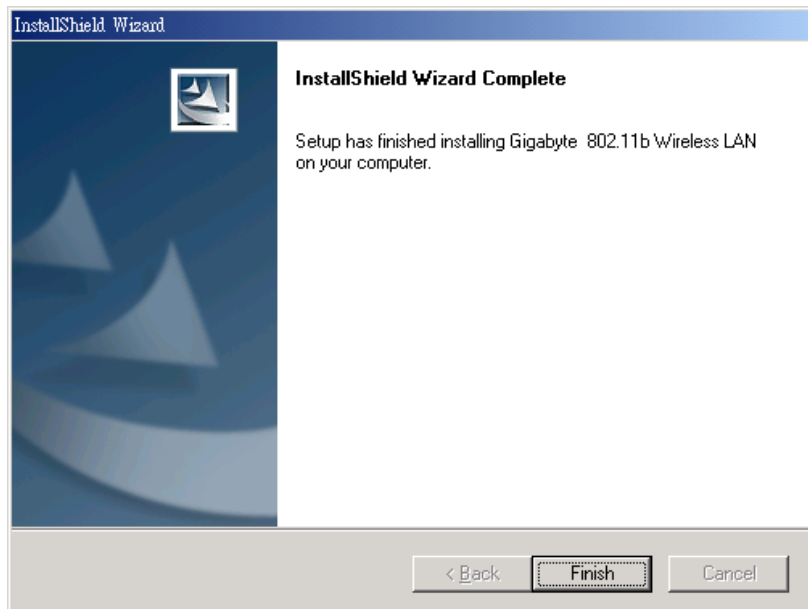
Step 5: Click “Yes”. The wizard will ask you to click the type of setup.



Step 6: Select “Typical” and then click “Next”. The wizard will ask you to provide the destination path of where the application will be installed.



Step 7: You can click “**Browse**” to set the path or simply only click “**Next**” to go on.



Step 8: Click “**Finish**”, and then your installation is ok.

Chapter 3. Using The Utility

The Configuration & Monitor Utility is a powerful application that helps you to configure the Fast-VNET card and monitor the statistics of the communication. Unlike the standard method of configuring the adapter via the operating system utilities (e.g. Control Panel), this application permits the dynamic modification of the configuration parameters while the adapter is operating. It also offers some more configuration options. Gigabyte offers the Configuration & Monitor Utility for Windows 98/98SE/Me, and Windows 2000/XP. It appears as an icon on the system tray of Windows every time the adapter is running (see **Figure 3-1**). You can open it by double-clicking on this icon.

Figure 3-1. The icon of the Configuration & Monitor Utility

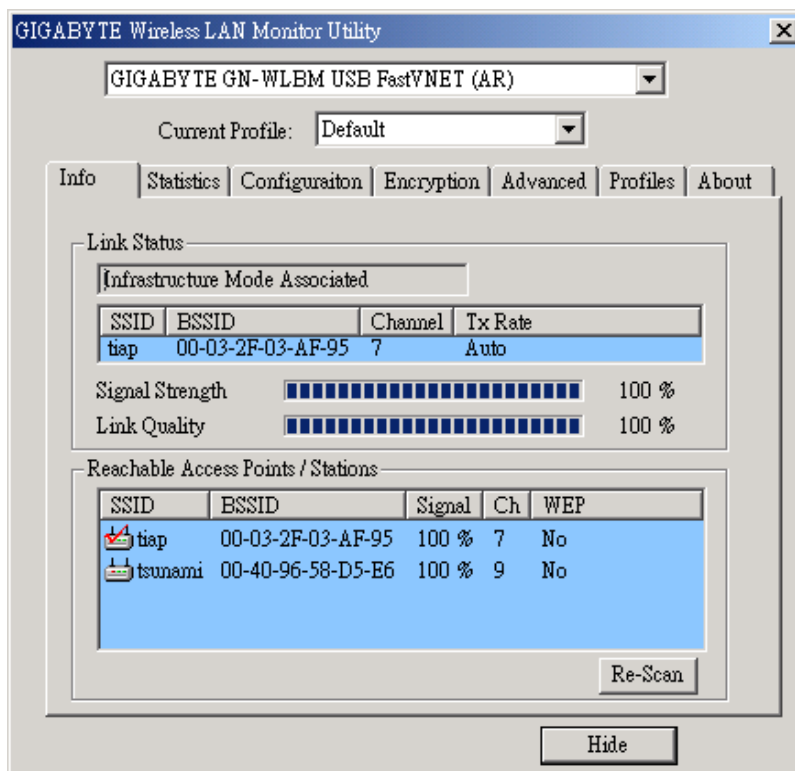


Note: Please keep in mind that the Configuration & Monitor Utility can be used to change the above configuration parameters when the adapter is active. When the adapter is not in use, please use the Control Panel method.

3-1. Info

The Info tab shows you the current link status of the wireless LAN adapter and the reachable access points and the wireless LAN adapter. In the middle of the screen there is information about the status of the communication (the BSSID of the access point to which the adapter is associated, signal strength, and link quality).

Figure 3-2. Current link status of the wireless LAN adapter



Other items in the table are the detailed information about the link status, which are available only when the wireless LAN adapter is connected to an access point or other wireless LAN adapter.

SSID: Network name.

BSSID: MAC address of the base station.

Channel: The current channel used by the wireless LAN adapter.

TxRate: The current transmission rate used by the wireless LAN adapter.

Reachable Access Points / Stations:

This item will show you all of the 802.11 access points or wireless LAN adapters in your wireless environment. The icon in the front of every item represents an access point or a wireless LAN adapter. You can add a network easily by clicking on the desired SSID.

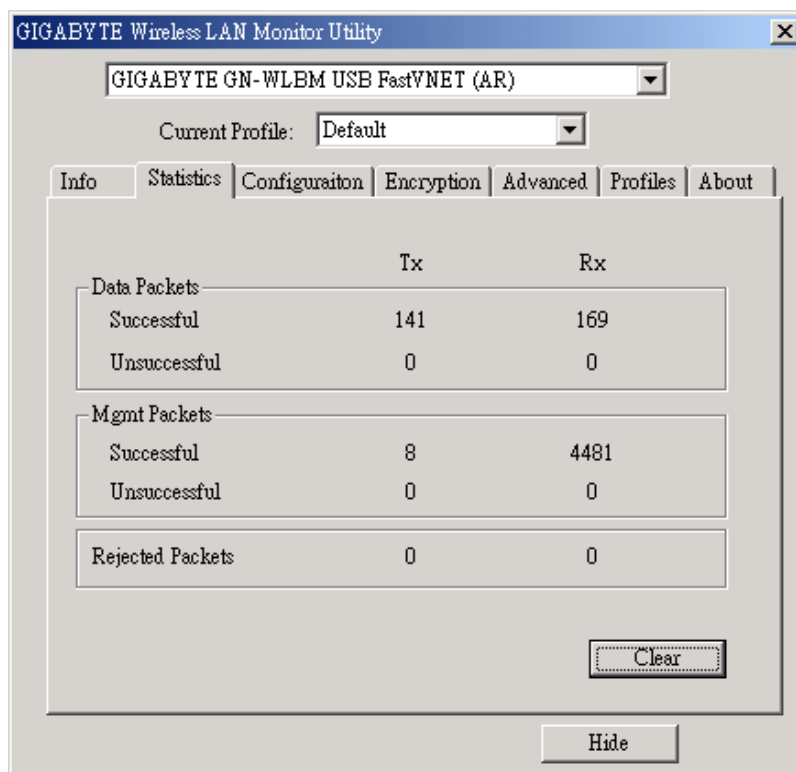
Signal: It shows the signal intensity of the currently connected base station.

Ch: The current channel used by the wireless LAN adapter.

3-2. Statistics

This option shows you to view the available statistic information (Data Packets, Management Packets and Rejected Packets). In order to renew or update this list of statistics, click the “**Clear**” button. In order to exit, click the “**Hide**” button at the bottom of the screen.

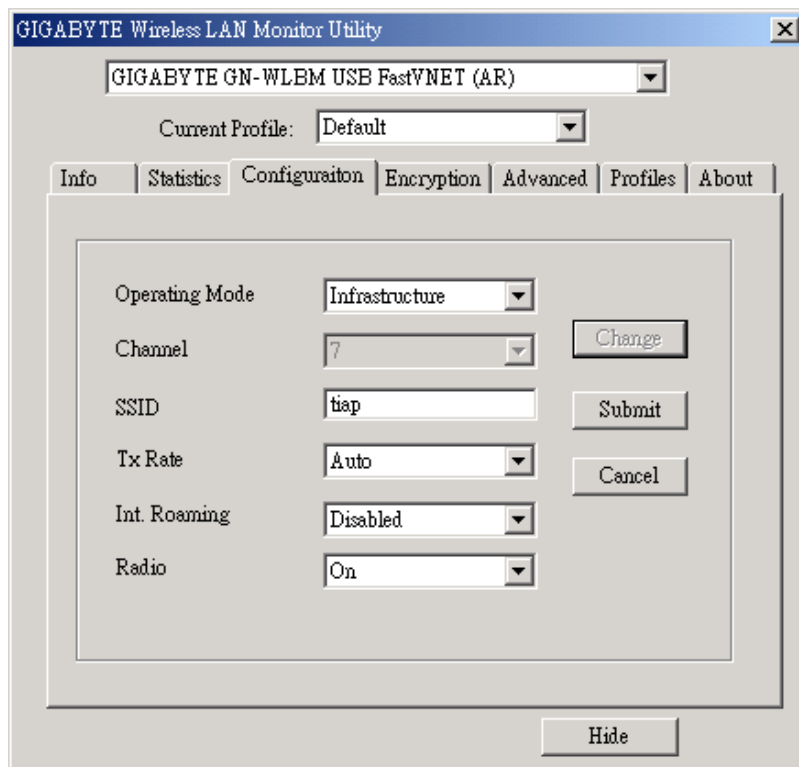
Figure 3-3. Statistic information available



3-3. Configuration

A typical screen of the application in Infrastructure mode is shown in Figure 3-4. The configuration parameters are shown at the top of the screen (Operating Mode, Channel, SSID, TxRate, Int. Roaming and Radio of the USB card). In order to change the configuration parameters, click the “**Change**” button, make your changes and then click “**Submit**” in order to save your changes.

Figure 3-4. A typical screen of the application in Infrastructure mode



3-4. Encryption

By choosing this option in any of the two modes, you can set four different WEP keys and specify which one of them to use. First, either enable or disable encryption from the appropriate “**Encryption**” field (see Figure 3-5 below). If you decide to use encryption, you can choose any of the available WEP keys (1 to 4). You also have the option to select the WEP mode (Mandatory/Optional). If you select “**Mandatory**”, then not only WEP will be used, but also any other station needs to use WEP encryption in order to establish a communication with your station. This requirement is in line with the IEEE 802.11b standard. If, on the other hand, you choose “**Optional**”, then your station can communicate with every other station regardless if they use WEP or not. Please keep in mind that the WEP keys must be in HEX format. Finally, you have the option to select whether *Open System*, *Shared Key*, or *Auto* authentication will be used. In order to take effect the changes you wish to make, click the “**Submit**” button at the bottom of the screen.