ZyAIR B-220

11M Wireless LAN USB Adapter

Quick Installation Guide

Version 2.00
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ZyXEL
Unleash Networking Power

About Your ZyAIR

The ZyAIR is an IEEE 802.11b compliant wireless USB adapter that connects to USB ports on desktop or notebook computers. Its maximum 11 Mbps data rate, which gives Ethernet equivalent speed, is ideal in the corporate or home environment. Users enjoy the wireless mobility within the coverage area.

Installation Overview

1. Installation Requirements
2. ZyAIR Utility and Hardware Installation
3. Disable Windows XP Configuration Tool
4. Accessing the ZyAIR Utility

1 Installation Requirements

Before installation, make sure you have the following requirements.

- Pentium II 300MHz or above
- A minimum of 6 MB available hard disk space
- A minimum of 32 MB RAM
- A CD-ROM drive
- A USB port (version 1.1 compatible)
- Windows 98 SE/Me/2000/XP
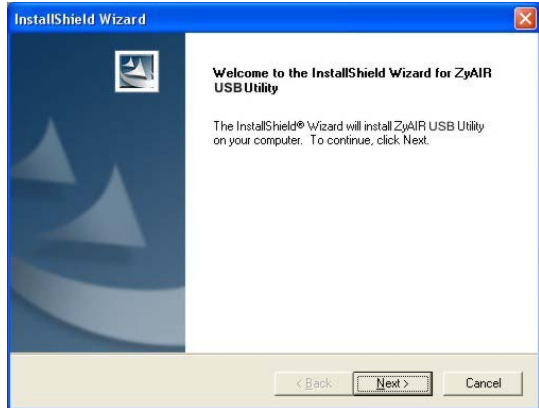- Windows 98 SE users may need the Windows 98 SE CD
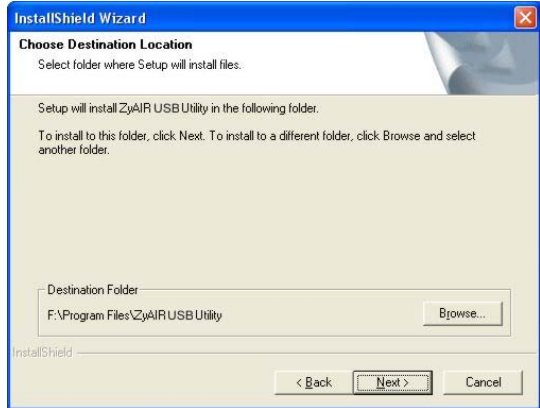
② ZyAIR Utility and Hardware Installation

The installation procedures are similar for all supported Windows versions. Windows XP screen shots are shown unless otherwise specified.
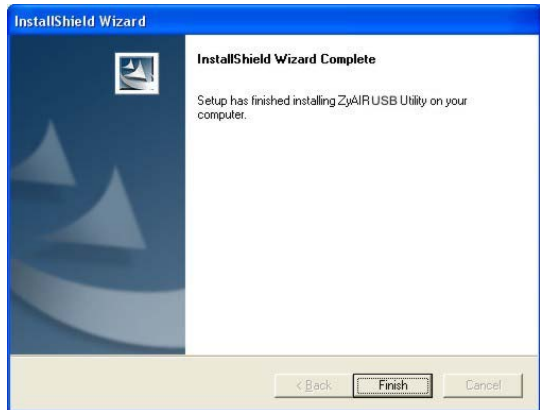
DO *NOT* insert the ZyAIR at this point.

1. Insert the support CD into the CD-ROM drive on your computer. The CD auto runs. Otherwise, locate and double-click on **setup.exe**. A Welcome screen displays. Click **Next**.

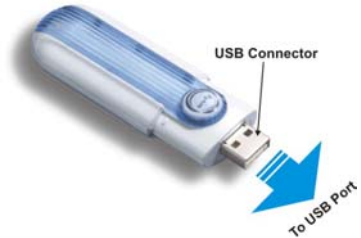**2.** Click **Next** to accept the default file location or click **Browse** to select an alternate folder.

InstallShield Wizard

Choose Destination Location
Select folder where Setup will install files.

Setup will install ZyAIR USB Utility in the following folder.

To install to this folder, click Next. To install to a different folder, click Browse and select another folder.

Destination Folder
F:\Program Files\ZyAIR USB Utility   Browse...

InstallShield

< Back   Next >   Cancel

3. Windows 2000/XP: Click **Finish** to complete the installation.

Windows 98 SE/Me: Click **Finish** to restart the computer.

InstallShield Wizard

InstallShield Wizard Complete

Setup has finished installing ZyAIR USB Utility on your computer.

< Back   Finish   Cancel

4

4. Locate an available USB port on the computer.

5. Remove the protective cap to expose the USB connector. Insert the ZyAIR to the USB port on the computer.

USB Connector
To USB Port

> **Never bend, force or twist the ZyAIR into the port.**

> **When the USB connector of the ZyAIR is properly inserted into the computer USB port, the LED blinks.**

3 Disable Windows XP Configuration Tool

Windows XP includes a basic configuration tool for wireless devices.

> **DO NOT use the configuration tool together with the ZyAIR Utility program. It is recommended you use the ZyAIR Utility program to configure the ZyAIR.**

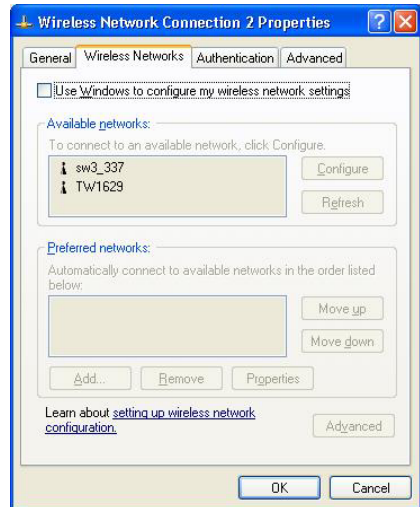Follow the steps below to disable the configuration tool in Windows XP.

1. Double-click the network icon for wireless connection in the system tray.

Wireless Network Connection
One or more wireless networks are available.
To see a list of available networks, click here.
2:36 PM

2. When a **Connect to Wireless Network** window displays, click **Advanced…**.

3. In the **Wireless Network Connection Properties** window, make sure the **Use Windows to configure my wireless network settings** check box is *not* selected. Click **OK**.

4 Accessing the ZyAIR Utility

1. After you install the ZyAIR Utility, an icon appears in the system tray.

> **If the ZyAIR Utility icon displays, the ZyAIR is installed properly.**

2. Click on the **ZyAIR Wireless LAN Utility** icon in the system tray to open the ZyAIR Wireless LAN Utility program.

3. Refer to the *ZyAIR User's Guide* to configure the ZyAIR using the ZyAIR Utility.

Front Panel LED

ZyAIR LED

The following table describes the LED on the front panel of the ZyAIR.

COLOR	STATUS	DESCRIPTION
Blue	On	The ZyAIR has a successful connection to an access point.
	Blink (fast)	The ZyAIR is sending or receiving data.
	Blink (slow)	The ZyAIR is ready but not connected to an access point.

Troubleshooting

PROBLEM	CORRECTIVE ACTION
Windows does not auto-detect the ZyAIR.	Make sure the ZyAIR USB connecter is inserted into the computer USB port properly and then restart your computer. Check the LED on the ZyAIR.
	Perform a hardware scan by clicking **Start**, **Settings**, **Control Panel** and double-clicking **Add/Remove Hardware**. (Steps may vary depending on the version of Windows). Follow the on-screen instructions to search for the ZyAIR and install the driver.
	Use the **Device Manager** window to check for possible hardware conflicts. Click **Start**, **Settings**, **Control Panel**, **System**, **Hardware** and then click **Device Manager**. Verify the status of the ZyAIR under **Network Adapter**. (Steps may vary depending on the version of Windows).
	Install the ZyAIR in another computer.

PROBLEM	CORRECTIVE ACTION
	If the error persists, you may have a hardware problem. In this case, you should contact your local vendor.
Cannot start the ZyAIR Wireless LAN Utility.	Make sure the ZyAIR is properly inserted and the LED blinks.
	Use **Device Manager** to check for possible hardware conflicts. Click **Start**, **Settings**, **Control Panel**, **System**, **Hardware** and then click **Device Manager**. Verify the status of the ZyAIR under **Network Adapter**. (Steps may vary depending on the version of Windows).
	Install the ZyAIR in another computer.
	If the error persists, you may have a hardware problem. In this case, you should contact your local vendor.
The ZyAIR Wireless LAN Utility displays only three tabs.	When the ZyAIR Wireless LAN Utility displays only three tabs, you are using the Windows XP wireless configuration tool at the same time. Refer to the *Disable Windows XP Configuration Tool* section to disable the Windows XP wireless configuration tool.