#### **Quick Installation**

This guide is for you to make a connection between wired and wireless network. You will learn how to install the **Access Point** on your network step by step. If you have any problems during the installation, please refer to your **User Manual**.

#### Introduction

Congratulations on the purchase of your new access point. The access point is compliant with the IEEE 802.11b (DSSS) specifications. Small as the sparrow is, it possesses all its internal organs.



Figure 1: Network Connection

# Package Contents

The following items should be included:

- a) One Access Point Unit (the device).
- b) One Power Adapter.
- c) One User's Manual.
- d) One Quick Installation Guide.

If any items listed above are damaged or missing, please contact your dealer immediately.

## System Requirements

- a) One or more PCs (desktop or notebook) with Ethernet interface.
- b) TCP/IP protocol must be installed on all PCs.
- Network cables. Use standard 10/100BaseT network (UTP) cables with RJ45 connectors.
- d) All w ireless devices must be compliant with the IEEE 802.11b specifications.
- e) Microsoft Internet Explorer 5.0 or later or Netscape Navigator 4.7 or later.

### Installing Your Access Point

### Take Windows 98 platform for example



### Figure 2: Installation Diagram

# Installation Instructions

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- Use straight LAN cable to connect the Access Point with a hub of the wired network.
- b) Connect the power adapter to the power jack on the Access Point.
- The Power LED (the right one) should be on when the power adapter is connected.
- c) Use straight LAN cable to connect the PC with the wired network.
- d) Power on one of the PCs and login if you are asked to. When you reach the desktop, click Start on the taskbar, select Settings, and then select Control Panel.
- e) Double-click the **Network** icon to open the **Network** dialog box as below.



Select the TCP/IP protocol for your network card.

Click Properties. You will then see a dialog box 0) shown below.

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Figure 4: IP Address

Ensure your TCP/IP settings are correct as p) follows

To use static IP address, select Specify an IP address. Type 192.168.1.200 in the IP address field and 255.255.255.0 in the Subnet Mask field.

The IP address must be 192.168.1.x. The value of x should be ranged from 1 to 254 and is never used by other PCs.

- Click OK again. Windows may copy files to your computer, and then you will be asked to restart a) your PC. Click **Yes** to restart your computer and initiate the new settings. If you aren't asked, manually restart the computer to ensure the system has used the IP address you just
- System has used in a specified. Open your Web browser and type "HTTP://192.168.1.90" in the Address field. r) Then press Enter.

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A logon dialog box will appear. The default User s) Name is root and Password is root. Put User Name and Password and Click OK.

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Figure 6: User name/Password Dialog Box

t) After you click OK, the Setup screen is shown like the following figure.

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Figure 7: Setup Screen

Click the Configuration tab and type texts in the a) Network name field, wirelesslan, for example. After setting the Network name, click Save, Reboot, and then OK.

The Configuration screen is shown as the following figure.



For the purpose of security, you can enable the WEP function. Follow the steps below (take 64 bit encryption for example):

- h) Click the Encryption tab, and then select the WEP enabled function.
- i) Choose 64 bit on the right side of the WEP key lengths field. Type 10 hex digits into the key box at the right of the WEP key 1 field. Choose Key 1 on the right side of the WEP key
- j) to use field.
- k)
- Select the Deny unencrypted data option. Choose Shared Key in the Authentication field. D)
- m)
- Click Save, Reboot, and then OK in sequence. The Configuration screen is shown as the n) following figure.

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Once you have configured all of the PCs on your network with appropriate values of Network name and WEP key, the access point setup and installation are complete.

For instructions on MAC address filtering or other advanced configurations, refer to your User Manual. 2503501200