Quick Installation

This guide will demonstrate how to make a connection between wired and wireless network by using **Station/Bridge**. First of all, you have to prepare an **802.11b Access Point** connecting to local network.

You will be guided to install the Access Point on your network step by step. If you encounter problems during the installation, refer to your **User Manual**.

Introduction

The **Station/Bridge** is compliant with the IEEE 802.11b (DSSS) specifications. Small as the sparrow is, it possesses all its internal organs.
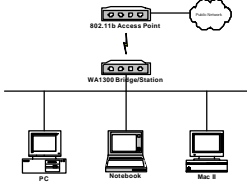

Figure 1: Network Connection

Package Contents

The following items should be included:

a) One **Station/Bridge** Mode 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.
c) Network cables. Use standard 10/100BaseT network (UTP) cables with RJ45 connectors.
d) All wireless 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 Station/Bridge

Take windows 98 platform for example

Figure 2: Installation Diagram

In the following example, we set the SSID (Network name) of your Access Point to "**wirelesslan**" under this environment.

Installation Instructions

a) Use straight LAN cable to connect the Station/Bridge with a hub of the wired network.
b) Connect the power adapter to the power jack on the Station/Bridge.
 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. You will see a dialog box shown below.

Figure 3: Network Configuration

f) Select the **TCP/IP** protocol for your network card.

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

Figure 4: **IP Address**

h) Ensure your TCP/IP settings are correct as 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, except 99, and is never used by other PCs The default IP of Station/Bridge is 192.168.1.99.

i) Click **OK** again. Windows may copy files to your computer, and then you will be asked to restart 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 specified.

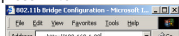j) Open your Web browser and type "**HTTP://192.168.1.99**" in the **Address** field. Then press **Enter**.

Figure 5: Enter Web Address

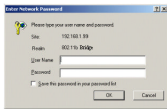g) A logon dialog box will appear. The default **User Name** and **Password** are both **root**.

Figure 6: **User name/Password** Dialog Box

k) After you click **OK**, the Setup screen is shown like the Figure 7.

Figure 7: Setup Screen

m) Click the **Configuration** tab and enter texts in the **Network name** field, **wirelesslan**, for example. After setting up **Network name**, click **Save**, **Reboot**, and then **OK** in sequence. The **Configuration** screen is shown as the following figure.
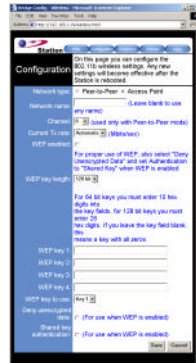

Figure 8: Configuration Screen

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

n) Click the **Configuration** tab, and then select the **WEP enabled** function.
o) Choose **64 bit** on the right side of the **WEP key length** field. Type 10 hex digits into the key box at the right of the **WEP key 1** field.
p) Choose **Key 1** on the right side of the **WEP key to use** field.
q) Select the **Deny unencrypted data** option.
r) Choose **Shared Key** in the **Authentication** field.
s) Click **Save**, **Reboot**, and then **OK** in sequence.

Once you have configured all of the PCs on your network with appropriate value of Network name and WEP key, the Station/Bridge setup and installation are complete.

*For instructions on other advanced configuration, refer to your **User Manual**.*

2503501000