Configuring DWL-2100AP Wi-Fi Access Point with WEP and Repeater mode
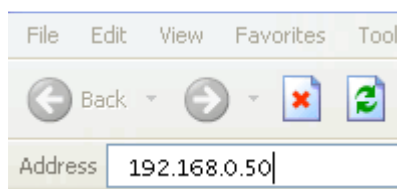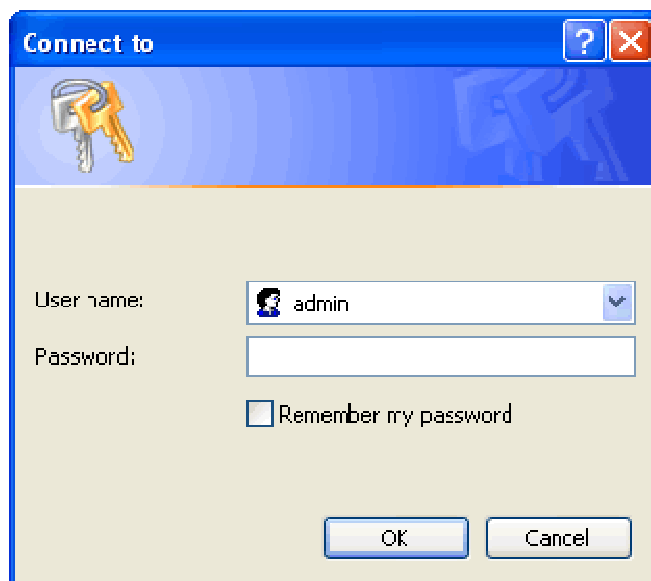
Please Note: Use only hard-wired network connections, to do the setting.
** Disable firewall in your PC to avoid login problem**
** you have to manually fix an IP address for your PC**

Step 1 Connect Your PC (Laptop) to the Access Point DWL-2100AP using Network cable.

Step 2 Launch your IE (Internet explorer) and key in 192.168.0.50 in the address column and press enter.

Step 3 Enter your Username: *admin* and no password (if it is default) click on OK

Step 4 You will see a D-Link web page shown as below, Choose **Home > Wireless**, select the relevant options and key in the SSID and WEP key.

IF you choose **HEX**
For **64Bits** you have to enter **10** characters from **0 ~ 9, A ~ F**
For **128Bits** you have to enter **26** characters from **0 ~ 9, A ~ F**
For **152Bits** you have to enter **32** characters from **0 to 9, A to F**

IF you choose **ASCII**
For **64Bits** you have to enter **5** characters **(A ~ Z, 0 ~ 9)**
For **128Bits** you have to enter **13** characters **(A ~ Z, 0 ~ 9)**
For **152Bits** you have to enter **16** characters **(A to Z, 0 to 9)**

It's highly recommended to use HEX as your WEP mode.

Only **one key** is required

Step 5 After configuring the wireless settings and the WEP key, click on **Apply**, and you are done setting up the Access Point (AP) with WEP security key / network key enabled.

Step 6 Before leaving the set up web page, take note of the AP device MAC address, if you are planning to use AP Repeater.

Step 7 To find out the AP MAC address, choose **Status > Device Info**

Step 8 To extend network signal coverage using another AP device as a repeater, perform Steps 2 and 3 stated above on the new AP device.

Step 9 Before setting up the **second device** for repeater mode, go to the **Home > LAN** menu, and configure a different IP address for the new AP device.

Step 10 Next, go to the **Home > Wireless** menu and select *AP Repeater* for **Mode**, and the corresponding Channel and MAC address of the original (root) AP device.

Step 11 To configure WEP for the AP repeater, select *Shared Key* for **Authentication** and enable encryption, choosing the **Key Type** and **Key Size** required, and inputting the WEP key.

Step 12 Click **Apply** and you are done with your Access Point configuration, WEP security key / network key authentication and AP repeater mode set up.