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Hands-On Wireless LAN Installation Guide

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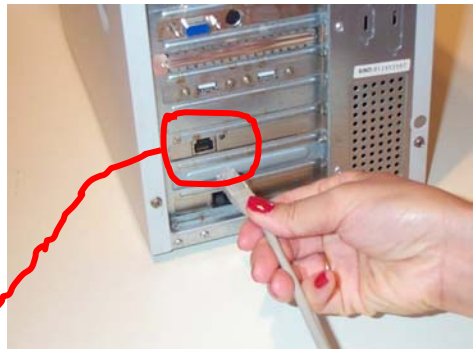
Office and Campus Wireless Broadband Setup Quick Reference

Special points of interest

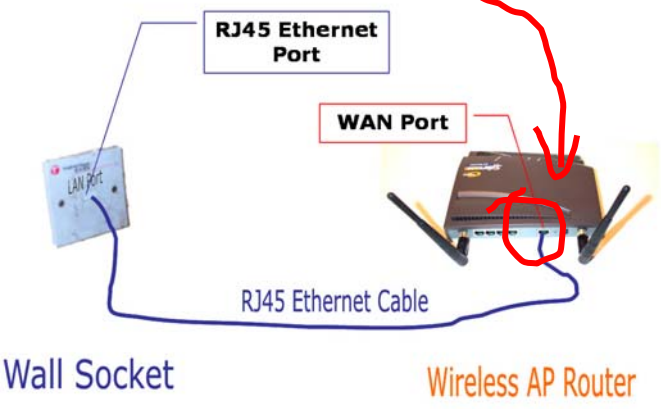
- Showing you the physical cable connection of the wireless AP Router and the office or campus LAN port
- Setting the wireless AP Router for either the "Automatic Configuration—DHCP" or "Static IP" according to your wired LAN configuration
- Verifying the broadband connection

In office or Campus, you probably won't need to subscribe to an ISP for broadband access because it's already there at the LAN ports. To extend your wired LAN to wireless, you will simply connect your it to the wireless AP Router, with either a Dynamic IP or a Static IP configuration. We are going to talk about it in the following paragraphs.

Connecting the Office or Campus Ethernet port to Wireless AP Router



STEP 1 - Unplug the RJ45 Ethernet Cable that runs from the office or campus LAN port



STEP 2 - Plug it straight into the WAN Port of the wireless AP Router.

First, remove the power supply of all devices and locate the RJ45 Ethernet cable that connects your PC and the RJ45 Ethernet Wall Socket. Unplug the cable from your PC and plug it straight into the WAN Port of the wireless AP Router.

Power up the AP Router.

Setting the Wireless AP Router for Automatic Configuration—DHCP

If you haven't set up your wireless PC client, we suggest you to work on it with the installation guide of "Building your 11/54Mbps High-Speed Home/ Office wireless network with a step-by-step ap-

proach" (Ref: DN-WLAN-02). You can find it at Http://www.danets.com/ application_e.htm.

Once your wireless PC client is up and running, double click your web browser, press "Ctrl-L" together and key in the address 192.168.1.1, this is going to bring you to the "Login" of the Access Point Router. At default, skip the Username and key in "admin" at the Password box. If you have changed the Password previously, make sure that you key in your own. Hit "Enter" to get to the SETUP page.

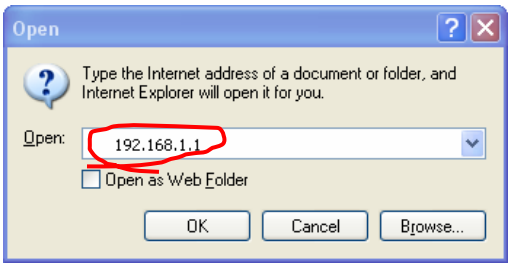
When the SETUP page pops up, choose "Automatic Configuration—DHCP" as the Connection Type. Leave the Host Name and Domain Home as blank unless you know exactly what to enter. Click "Apply" then "Continue".

At the STATUS page, you will be able to see "Connected" with the IP and DNS addresses assigned by your office or campus LAN. Otherwise, check the cables carefully before making the reconnection.

Setting the Wireless AP Router for Static IP Configuration

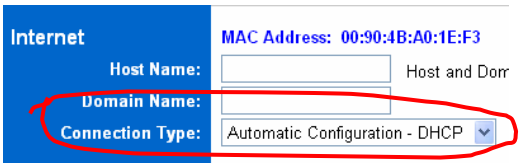
If your office LAN does not assign IP and DNS addresses automatically when it detects a new network adaptor, you will need to assign your own set of IP addresses. In such situation. the technical jargon is known "DHCP Disabled from your office LAN". Your office network administrator would probably have supplied you with a set of IP addresses for your PC. If not, ask for it because you can't key in the IP addresses from nowhere.

When you get to the SETUP page of the wireless AP Router, choose "Static IP" as the Connection Type. Key in the IP, Subnet Mark, Gateway and DNS address obtained from your office network administrator. Click "Apply" then "Continue".

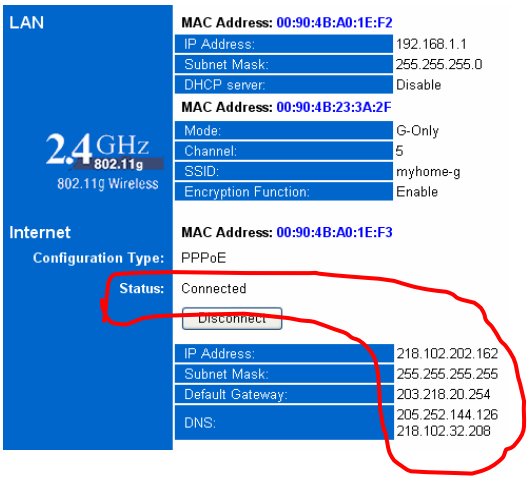


STEP 3 - To access the system administrator of the AP Router, open your Internet Explorer, press "Control-L" keys together and key in "192.168.1.1", then press OK

STEP 4 - When this screen pops up, skip the User name, enter your Password (default as "admin"), then press OK



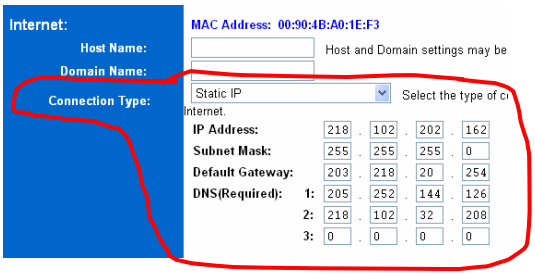
STEP 5 - For Dynamic IP only. Otherwise, go to step 7 for Static IP Configuration, Now, choose "Automatic Configuration—DHCP" as the Connection Type, then click "Apply"



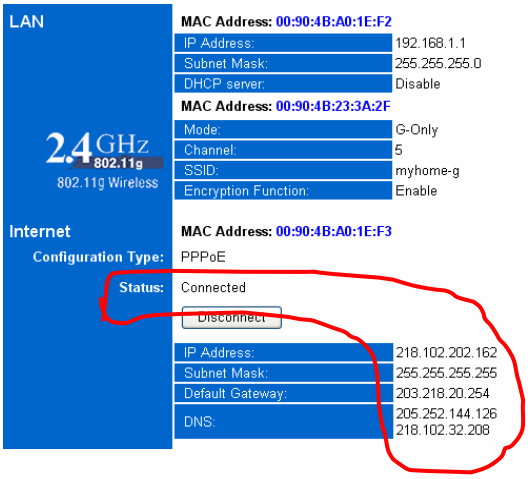
STEP 6 - The "Status" screen refreshes every six seconds. It shows a bunch of IP and DNS addresses if the AP router is connected to your office or campus LAN

For Dynamic IP Configuration, choose "Automatic Configuration—DHCP" as the Connection Type. Leave the Host Name and Domain Home as blank unless you know exactly what to enter.

At the STATUS page, you will be able to see “Connected” with your IP and DNS addresses. Otherwise, check the cables and the IP addresses carefully before making the reconnection.



STEP 7 - For “Static IP” configuration only. Now, key in the IP, Subnet Mask, Gateway and DNS addresses supplied by your office network administrator, then click “Apply”



STEP 8 - The “Status” screen refreshes every six seconds. It shows a bunch of IP and DNS addresses if the AP router is connected to your office or campus LAN

For Static IP Configuration, choose “Static IP” as the Connection Type. Key in the IP, Subnet Mark, Gateway and DNS address obtained from your office network administrator.

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Specifications are subject to change without notice.

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