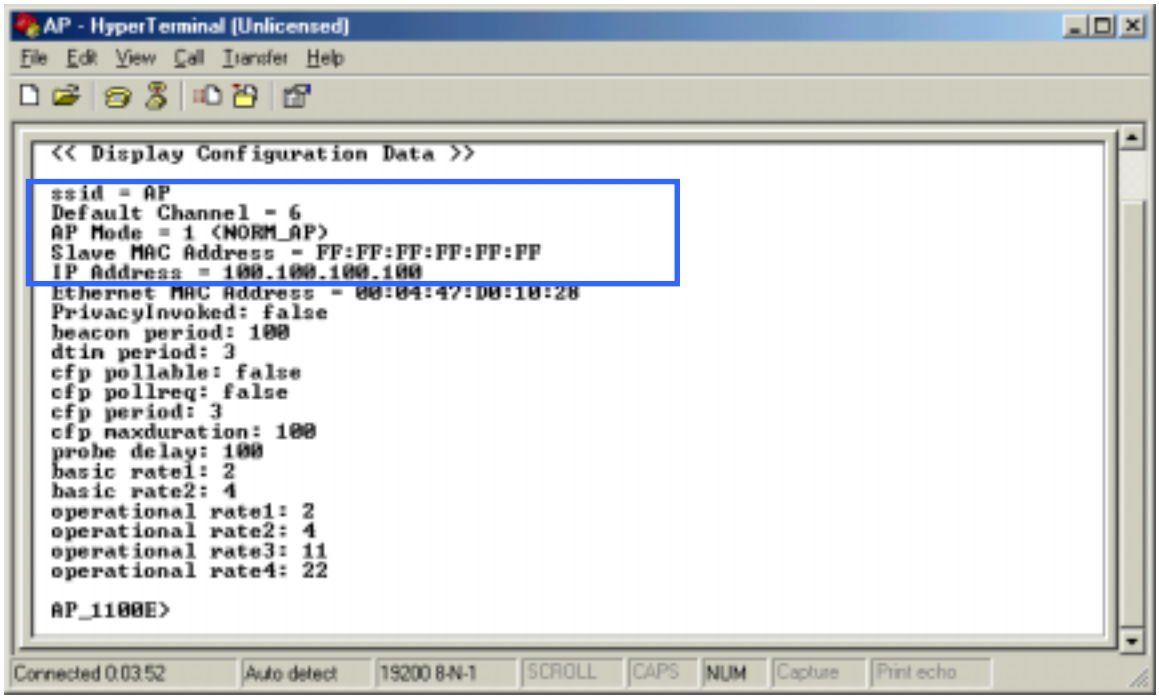
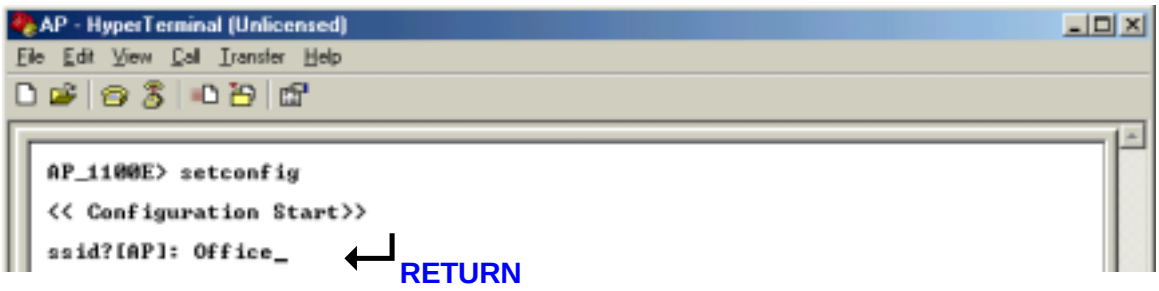
Type **disconfig** and press **Enter** to see current default settings of Access Point. Make a note of the SSID, Channel number and IP address. Acrowave Access Point has a default IP; **100.100.100.100**
The other options that are displayed can be ignored in this chapter and there will be detail explanation next Access Point Management section



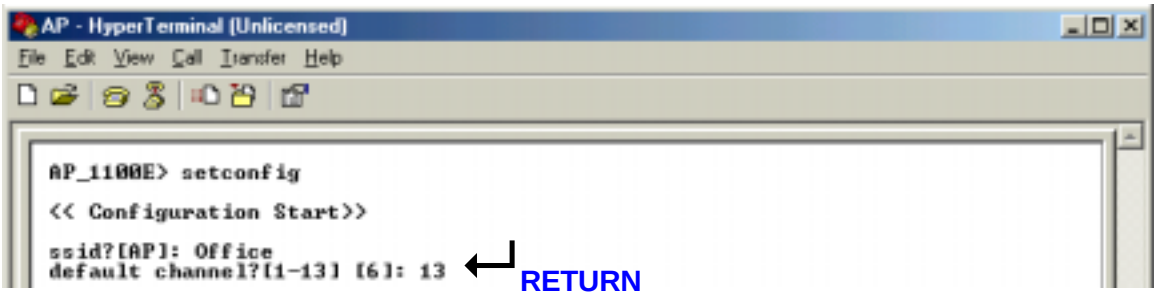
STEP 5 Configuration Change

Type **setconfig** and press **Enter** to change current default configuration settings. Using this command, you can change Access Point's SSID, Channel number, IP address, MAC address and WEP key enable/disable.

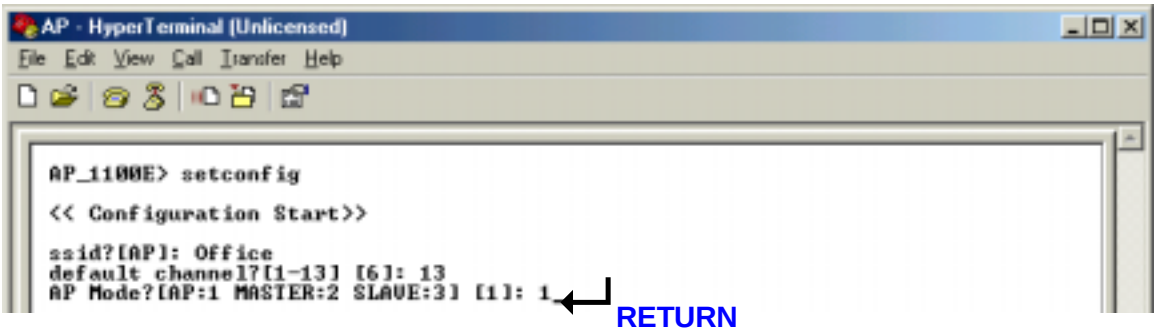
After type setconfig command, whenever you press Enter key, there occur changeable Access Point options and you can select or edit what you wanted. Refer the next example.



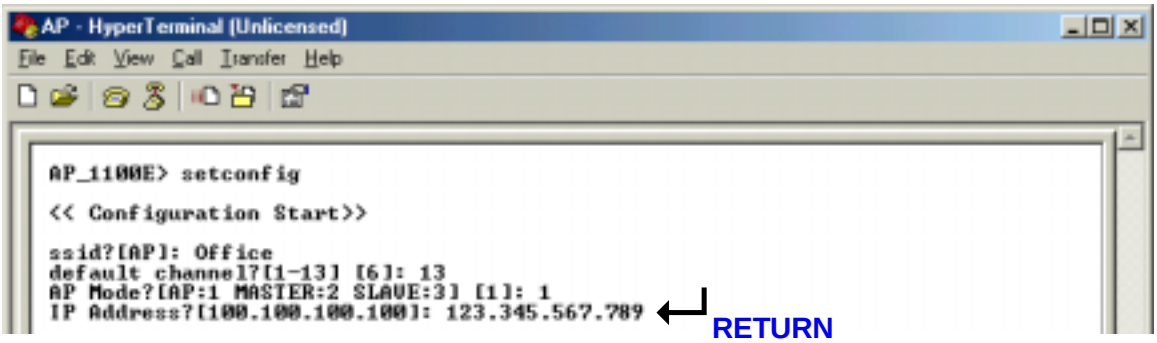
The SSID value is case sensitive and can enter up to 32 characters without banks.



Available channel numbers varies from country. Refer to the **Appendix Channel** chapter. In addition to this, it there is Access Points that have already installed in the neighborhood of your Access Point, take a cautious attitude in selecting channel number. Otherwise, by selecting too close channel number with your neighbor Access Point, raise channel interference problems. This problem can degrade wireless LAN air link quality seriously. In order to avoid this problem, select a longest channel number with your neighbor Access Point.



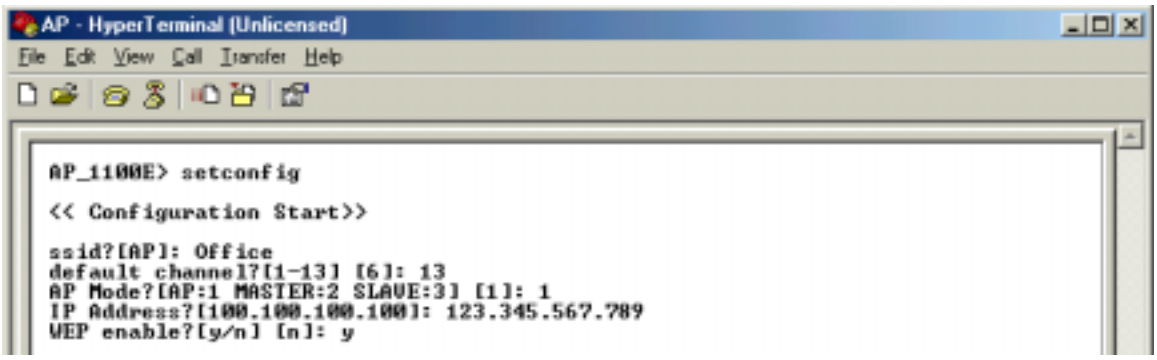
If you use Acrowave AW-1100E as a normal Access Point, select '**1**'.
Otherwise, you use it as a point-to-point transmission device you should select '**2**' or '**3**'.
About this usage, detail explanation will be followed next chapter.



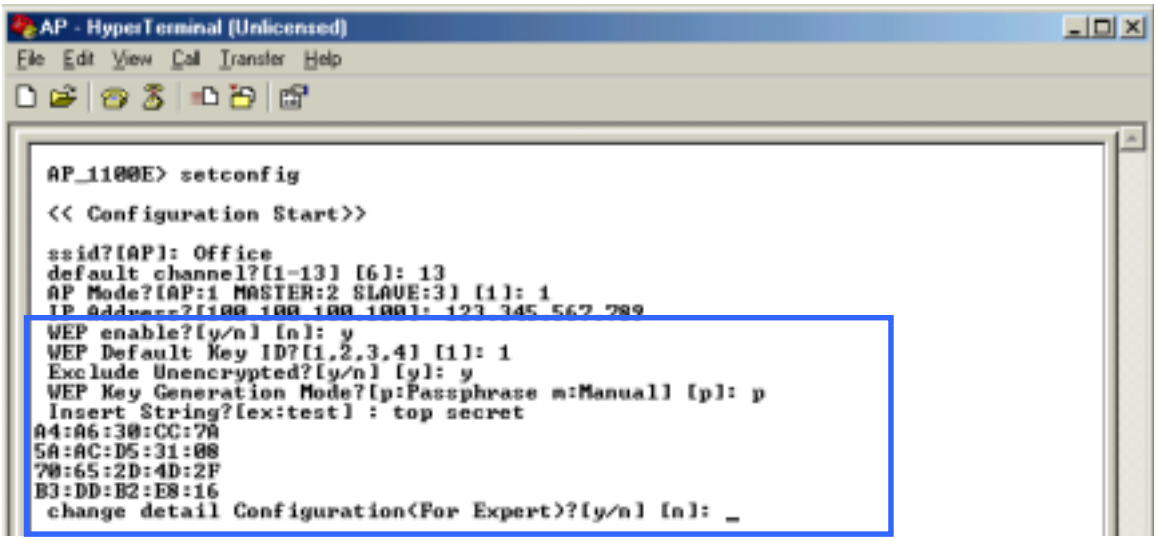
If you know what IP address should be set to your Access Point then write it in this step. Otherwise, if you do not know what IP can be used, ask for your network administrator about available IP address. In this example, the IP address 211.189.201.251 is a default IP address that is assigned by Acrowave Systems.

Caution

If you have a DHCP server, this step can skip*. If you have a DHCP server, your Access Point's IP address is assigned automatically.*

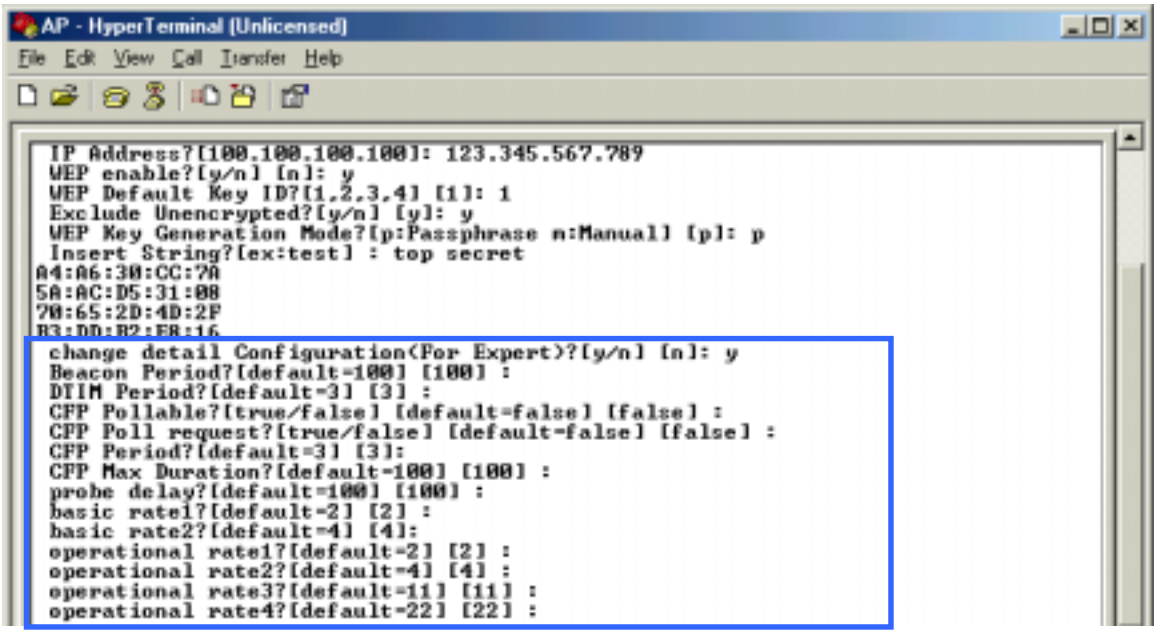


WEP stands for Wired Equivalent Privacy. WEP is an encryption scheme that provides the secure wireless data communications to the users. WEP uses a 64bit-key or 128bit-key to control the network access. In order to do secure communication over the wireless LAN network, enable WEP function.



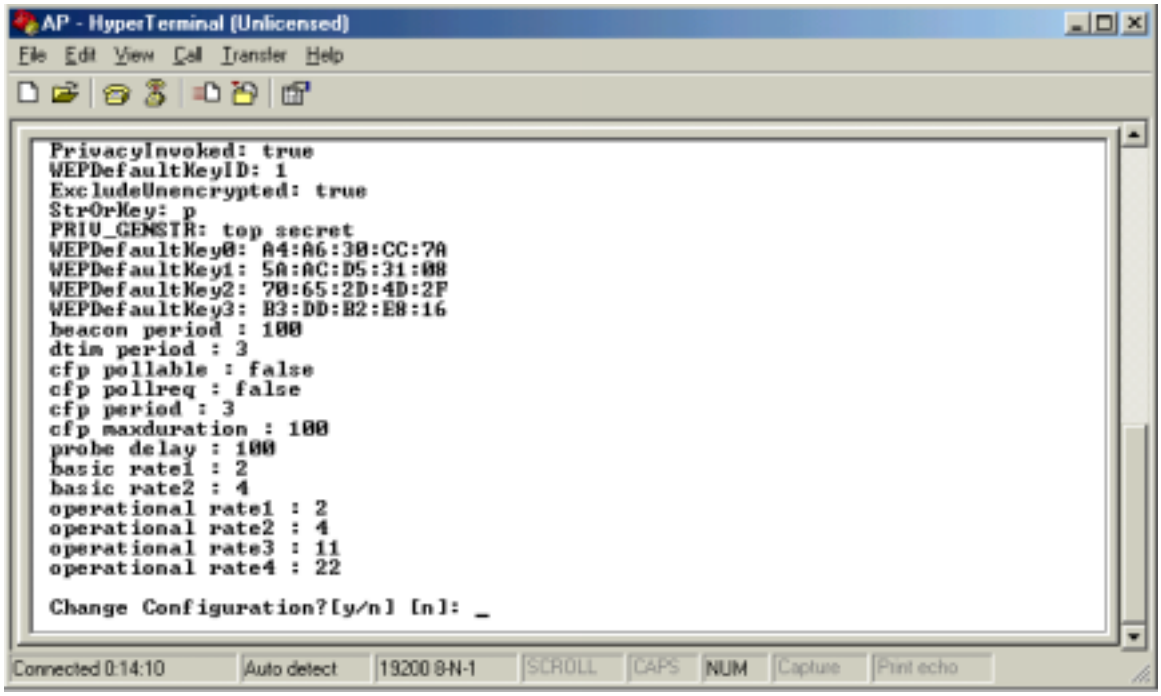
If you enable WEP function, select one of four WEP default key number. You can choose any one number from 1 to 4. And then, there occur **Exclude Unencrypted** question. This question asks you whether you allow a client that does not use WEP function. Next question is **WEP Key Generation Mode**. There are two ways to generate the WEP key. One is by entering any text in the Passphrase. The other way is by entering Key value directly from the keyboard. In this case, you can insert any character string.

As the wireless channel is more prone to the illegal access, WEP provides the users safe wireless LAN network access. But if you enable WEP function, it will degrade transmission throughput because it take some time to encryption/decryption.



These options are provided for wireless LAN expert only, so if you does not have deep information about wireless LAN air interface specifications, do not change default options. More detail information about how to change detail configuration will be explained in Access Point Management section.

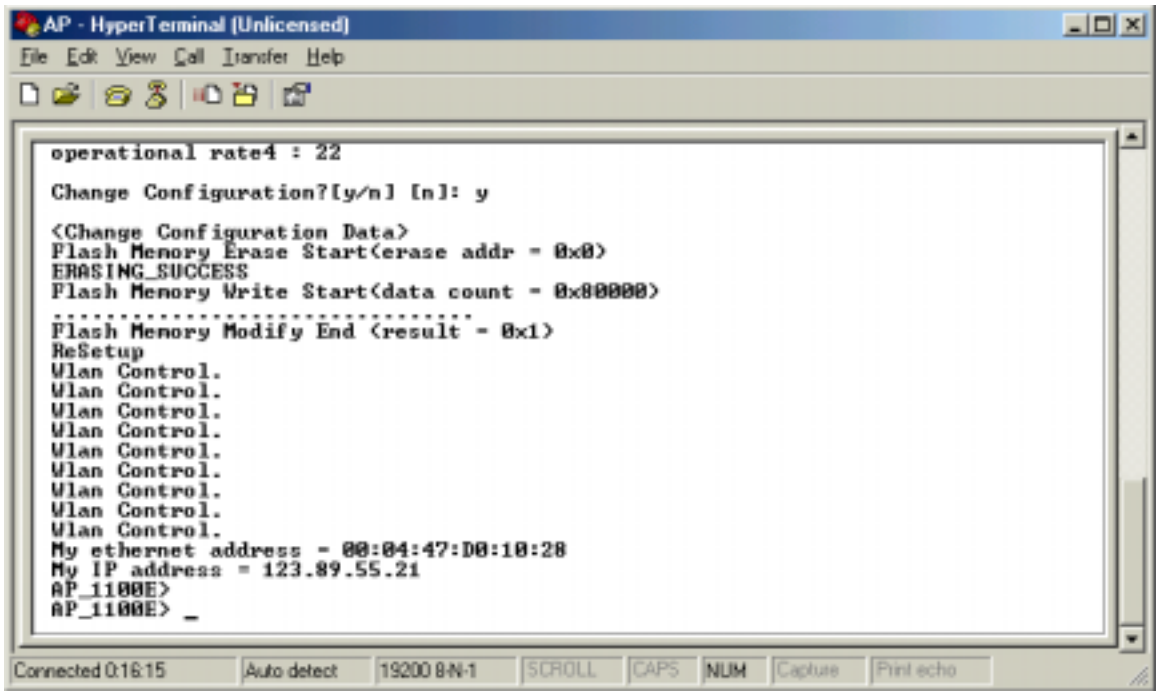
Until now, you have completed all the setup options. Press Enter key. On the terminal screen, options lists that you have selected will be displayed. After confirm all the changed options, if there is no change, press **y**, and otherwise press **n**.



If you press **y** then Acrowave Access Point setup configuration will be complete and the setup program will update changed configuration in the memory.

Caution

During updating configuration data, there can be display flash memory write error message. In this case, call for help Acrowave Access Point distributor.



2.3 Verifying the Operation of the Acrowave Access Point

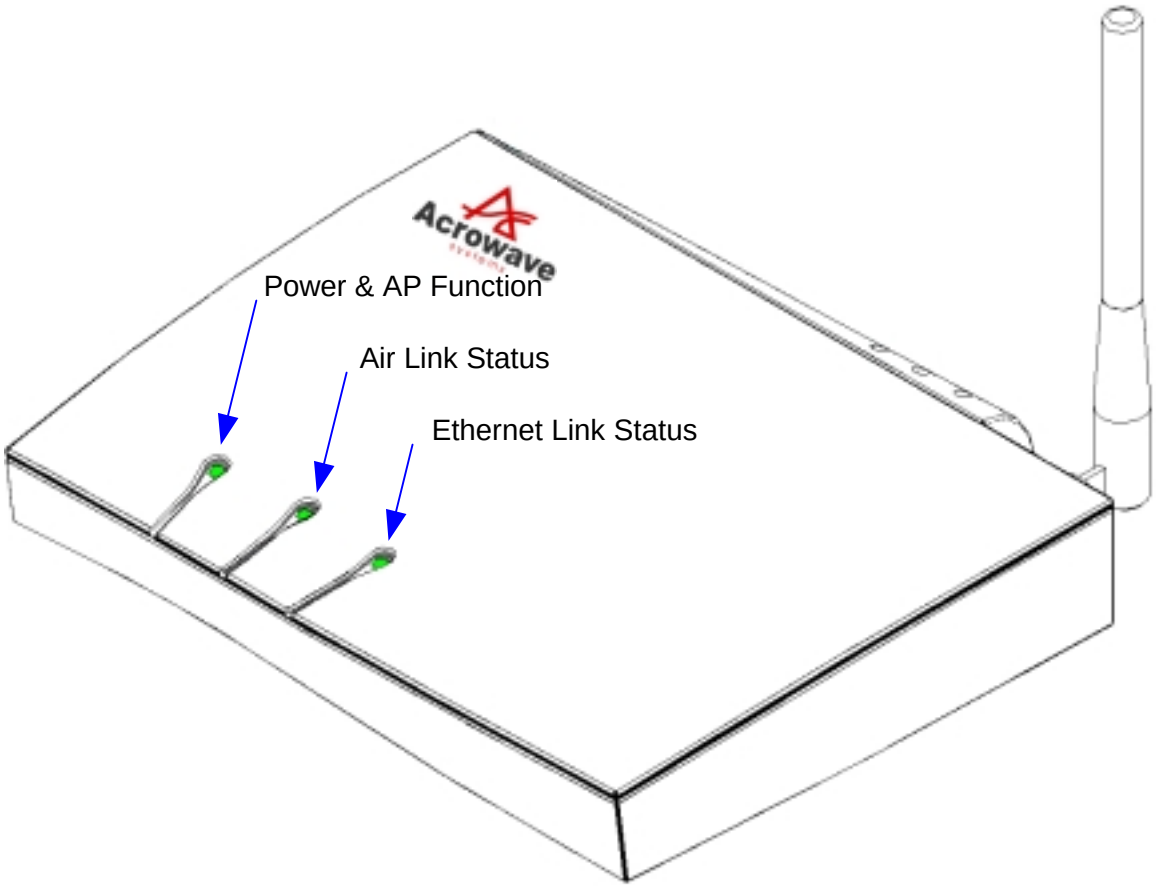
The AP runs a series of self-tests on power-up and reports status using its LEDs.
When power-up begins, the following occurs:

a. The firmware begins running diagnostics, initializes minimal hardware.

b. After the firmware completes its diagnostics and hardware initialization. The diagnostics then checks the RF module to see whether it is properly runs in the AP. And then, the firmware downloads RF module operating program.

c. **U**pon successful completion of the diagnostics and program download, After Radio Link LED turns on and then turns off for a few seconds all the LED display steady bright.

The diagnostics take approximately 30 seconds to complete after power-up. Upon successful completion of the diagnostics, the LED pattern shown in below figure is displayed.
If the AP fails to display the proper LED pattern, verify that you have correctly installed the AP. If the AP still fails to display the LED pattern, refer to troubleshooting section.



LED Name	Operational State
Power & AP Function	On (Green) = power is okay Orange = AP Functional Fail Occur
Air Link Status	ON (Green) = Air link status okay Blink = Air link or RF module has some problems.
Ethernet Link Status	Blink = Ethernet interface okay and the AP transfers data.

Chapter 3 Access Point Management

This chapter describes the pages in the Access Point's management system.
Before installing the AcroLAN Access Point Manager, first select a computer that meets these requirements:

- Operating system is Windows 95, Windows 98 and Windows 2000, Windows ME or Windows NT4.0 later.

- The computer is connected to the Access Point's wired or wireless LAN.

To install the AcroLAN Access Point Manager, insert the AcroLAN Access Point setup CD in the PC and run **SETUP** (this can be done from the Windows Explorer). Follow the Setup instructions. If you have a previous version of the Access Point Manager, install the Access Point Manager on the same computer folder. The setup process automatically upgrades the existing software and keeps your existing configuration files.

The AcroLAN Access Point Manager is included in the AcroLAN Access Point kit.
The AP Manager can be used as a setup/configuration tool for new Access Points and as a management tool to assist the ongoing management and support of AcroLAN wireless LANs.
The AcroLAN Access Point Manager has the following features:

- Ability to manage multiple APs remotely, including changing parameters in a wireless network with a single command

- Ability to view AP parameters, such as AP statistics, AP firmware version number, MAC addresses

- Integrity checking for many wireless parameter changes

- Integrated with a BooTP/TFTP application for simple AP firmware upgrades, also called flash upgrades.

