



Late-breaking News

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Access Methods for Managing Intel® PRO/Wireless 2011 LAN Access Points

To manage an Access Point, use one of the following three access methods.

Direct Serial Connection

1. Attach a null modem serial cable from the PC serial port to the Access Point (AP) DB9 connector.
2. Launch Hyper Terminal or other serial communications program on the PC.
3. Select the correct COM port along with the following parameters:
 - ANSI emulation
 - 19200 bps baud rate
 - 8 data bits
 - 1 stop bit
 - no parity
 - no flow control
4. Press ESC to display the AP Main Menu.

Note: Use the cable DB9F-DB9F, null wired. Make sure that you have an available communications port.

Telnet

1. At DOS or Command Prompt, enter "Telnet xxx.xxx.xxx.xxx", where xxx.xxx.xxx.xxx is the IP address of the AP. To determine the IP address, see the Frequently Asked Questions section in this document.
2. Enter the default admin password. To determine the default admin password, see the Frequently Asked Questions section in this document.
3. Press ESC to display the AP Main Menu.

Built-in Web Server

Launch an Internet browser and enter the IP address of the AP in the address box. To determine the IP address, see the Frequently Asked Questions section in this document.

Note: Make sure your computer's IP address is on the same subnet, or has access via a gateway to the subnet the AP is attached to. Also, make sure your proxy settings are correct.

Frequently Asked Questions

Does the Access Point have a default IP address?

The AP's factory DHCP default setting is ENABLED. If the AP is not connected to a DHCP server, the AP is configured to the default IP address right out of the box. The default IP address is based on the AP's MAC address. The MAC address is the 12-digit hexadecimal number on the label on the bottom of the unit.

To determine the default IP address of the AP: Take the last six hexadecimal digits of the MAC address and treat them as three pairs. Convert each pair to decimal. An easy way to convert each pair is to use the Windows calculator in scientific mode. You now have the last three octets of the IP address. The first octet is always 10.

For example, the MAC address ends with A2 02 08. The result of converting this number to decimal is 162 2 8. The default IP address is 10.162.2.8.

What is the default admin password of the Access Point?

The default admin password is **Intel** with a capital I.

How can I reset the AP if I cannot access the AP?

Remove power. Place a jumper across pins two and three of the DB9 connector on the AP. Now apply power to the AP and let it fully initialize. Remove power and the jumper. When you power up the AP, the AP is automatically reset.

Configuring an AP in a Multi-Vendor WLAN

A multi-vendor WLAN contains Intel and non-Intel WLAN products. If you are using non-Intel WLAN adapters that do not support Short Preamble Headers, disable the short RF Preamble Setting in the Intel AP. To do this, access the AP Main Menu, select RF Configuration, scroll to .Short RF Preamble, and disable it.

Enabling WEP Strong Encryption (128-Bit)

An access point with a North American SKU is shipped with WEP Strong Encryption enabled. An access point with a non North American SKU is shipped with WEP Strong Encryption DISABLED. To enable WEP Strong Encryption, access the AP Main Menu and select RF Configuration. Select Enable Strong Encryption and enter the following code: INTC-6000050-8348500.

Troubleshooting Tips

Except for a wired network connection, the Intel® PRO/Wireless 2011 LAN PC Card is just like any mobile network adapter. The troubleshooting techniques that apply to a mobile network adapter also apply to a PC Card.

For a PC Card to communicate with an AP,

- The ESS_ID of the AP and PC Card must match.
- If WEP encryption option is enabled for the AP, the PC Card must support this option, and the encryption keys for the AP and PC Card must be identical.

Note: Short RF Preamble Setting must be configured correctly in a multi-vendor WLAN. See the "Configuring an AP in a Multi-Vendor WLAN" section in this document.

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Intel Corporation, 5200 N.E. Elam Young Parkway, Hillsboro, OR 97124-6497

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