# AP-201 Wireless Internet Access Point

# User's Manual

# Inventec @ppliances Corp.

### *IMPORTANT*

This document contains important Information, please read it carefully before using this product.

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**AP-201 Wireless Internet Access Point User's Manual**

Revision History

| Date | By | Revision | Comments |
|------|-----|----------|----------|
| 02/08/2002 | | Draft | Initial Draft |
| | | | |
| | | | |
| | | | 1. |

# AP-201 Wireless Internet Access Point User's Manual

## 1. Introduction

Thank you for purchasing your AP-201 11Mbps Wireless LAN Access Point. This manual will assist you with the installation procedure for AP-201.
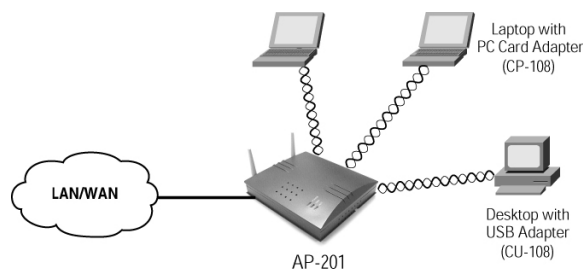
The package you have received should contain the following items:

- User manual
- Access Point
- Power adapter
- RJ45 cable
- Wall hanging base

Note: if anything is missing, please contact your vendor

A wireless LAN is normally used in a predefined environment. In such a network, Access Points are mounted at assigned places, each covering its own area in which wireless nodes can operate. These Access Points are connected to a wired network to communicate with each other and with servers and clients on that network.

*The AP-201 Access Point can be connected to a 10/100 Mbps Ethernet network through a RJ45 (UTP) connector.*
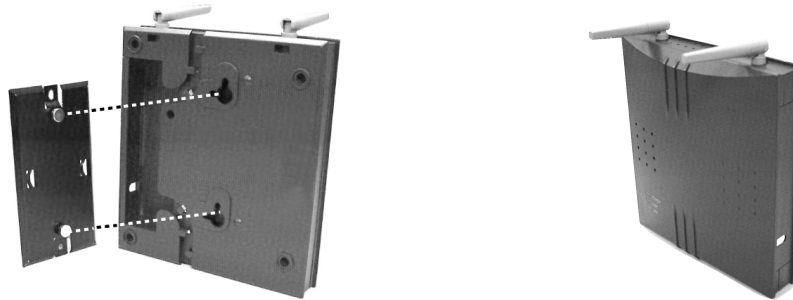
## 2. Hardware Installation

### Place the AP-201

To place the AP-201 on the desktop or setup the metal base on the wall to hang the Ap-201. Make sure the antennas are in a vertical position (if not, rotate over 90 degrees).
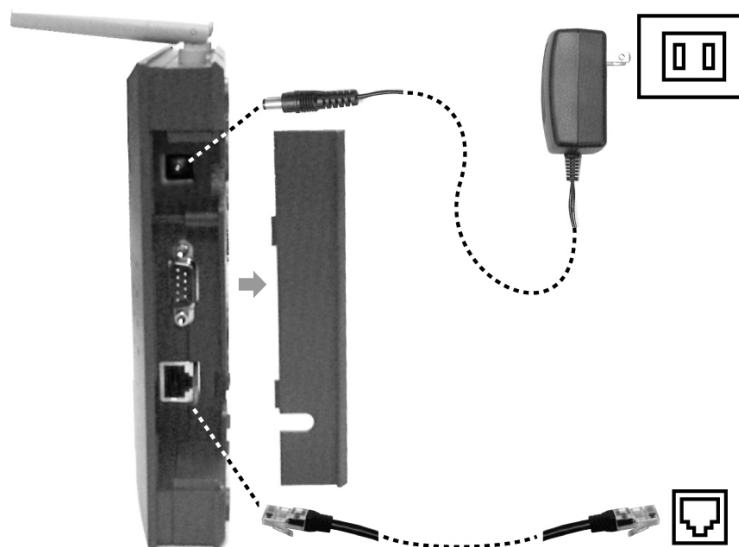


### Connecting the AC Adapter

1. To remove the cover on the right side of AP-201.
2. Connect the power cord to an electrical outlet.
3. Plug the AC adapter power cable into the DC-IN jack on the right side of AP-201.
4. When the AC adapter is conncted to AC power, the **POWER** LED will be on.

### Connecting the RJ45 Cable

1. Connect RJ45 cable to an wall outlet.
2. Plug another side into the RJ45 jack on the right side of AP-201
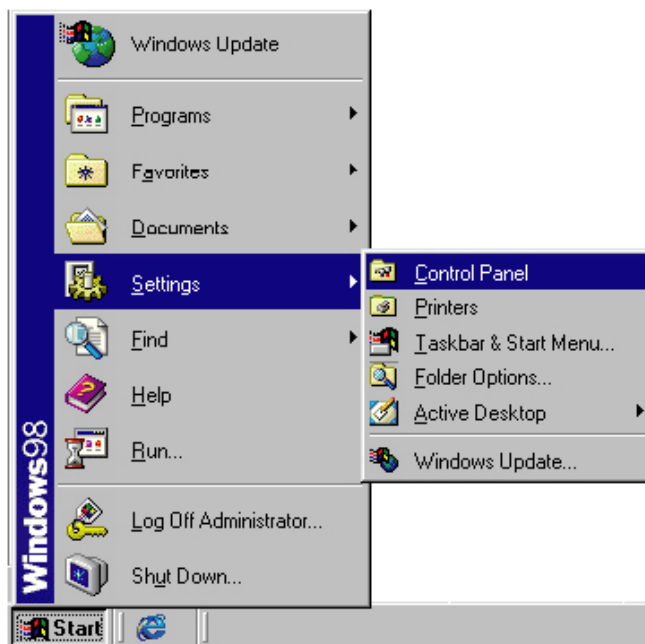3. When the RJ45 cable is conncted, the **LINK** LED will be on.



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## 3. Configuring Your Computer

**Configure TCP/IP Settings**

After you have completed the hardware setup by connecting your devices, you need to configure your computer to connect to your AP-201 Access Point. You need to determine how your ISP issues your IP address. Many ISPs issue these numbers automatically using a networking technology known as Dynamic Host Control Protocol, or DHCP. Other ISPs will specify your IP address and associated numbers, which you must enter manually. . This is also known as a static IP address. How your ISP assigns your IP address determines how you will configure your computer.
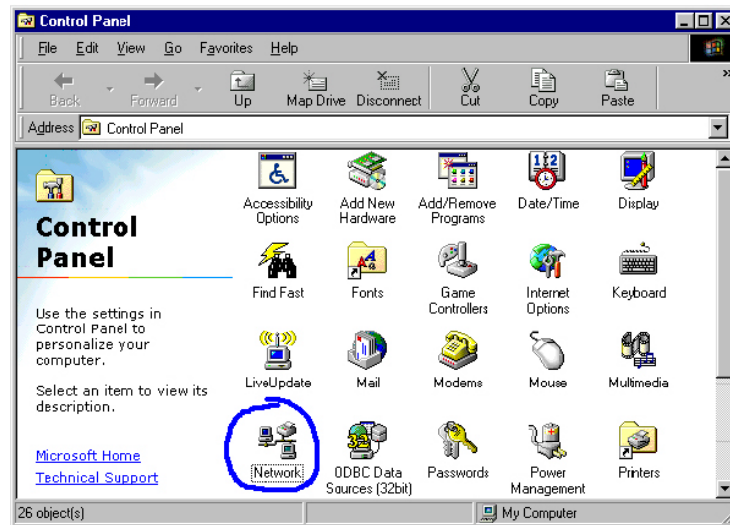
    1. From the Windows desktop, click the "**Start**," button. Choose "**Settings**," then click "**Control Panel**."
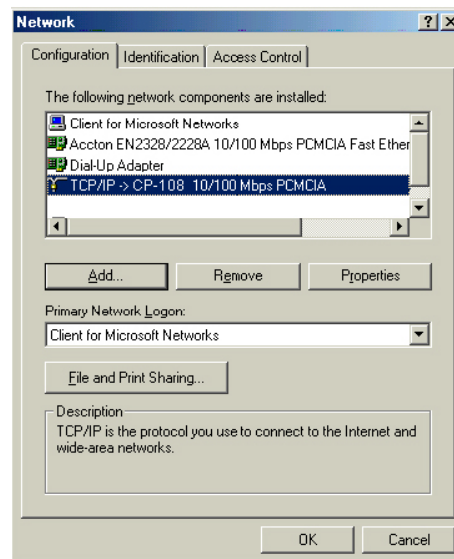
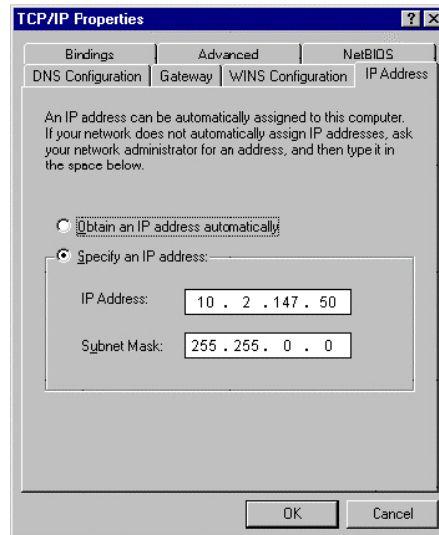2. From "Control Panel," double-click the "**Network**" icon.



3. In the "Network" window, under the "**Configuration**" tab, double-click the "**TCP/IP**" entry that is listed with your network card.

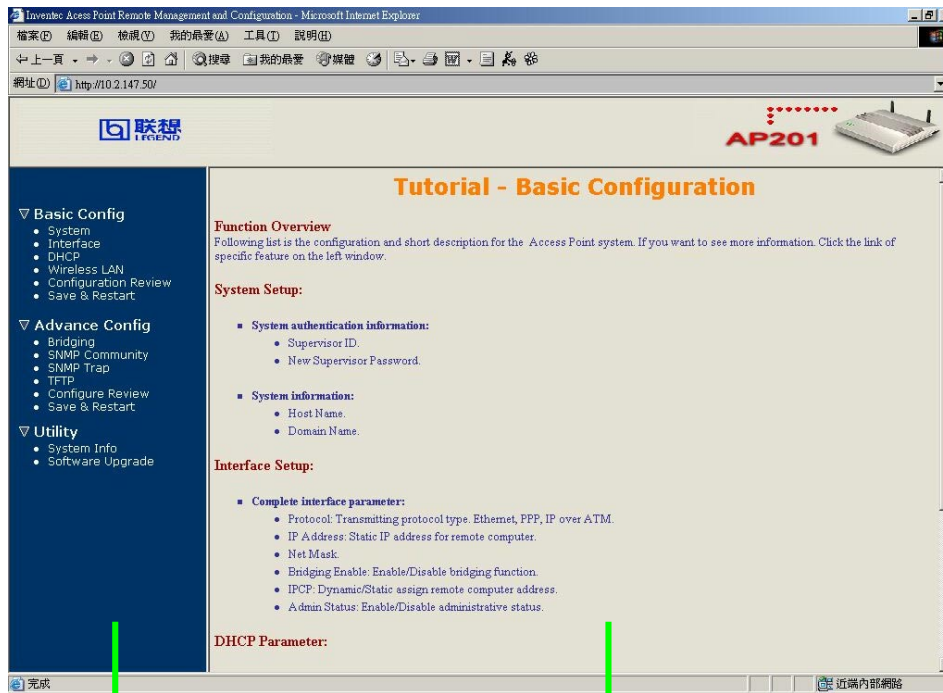## AP-201 Wireless Internet Access Point User's Manual

4. Select the "IP Address" tab. Verify that your IP Address is 10.2.147.50, your Subnet Mask is 255.255.0.0 and click OK.



5. In the "Command Prompt" windows, type "c:\>ping 10.150.35.00

6. Return Windows Operating System. Run "Internet Explorer" and type address http://10.150.35.200. If success connecting, there will jump a identifying window to ask your User's ID and Password. Key in the correct ID and Password and click OK to enter the AP-201 Manager.
* The default is "ID:root, Password:root."

# 4. AP Manger Interface

**Parameter**



Select Area                    Setting Area

Press "Basic configuration"、"Advance configuration" or "Utility" to see the detail setting selection.

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## 1. Basic configuration

### 1.1 System Setup



### 1.2 Interface Parameter

1.3 HHCP Parameter



1.4 Wireless LAN



1.5 Config Review

On the page of Config Review, you can browse all the configurations of Basic Config, and you can press the item to modify it.

1.6 Save & Restart

If you modify any setting, please press the "**Save**" button to save it, and Press the "**Restart**" button to make your new setting take effect.

## 2. Advance Configuration
2.1 Bridging Parameter
  Generic Parameter

**Generic Parameters.**

- **General parameter of all interface bridge function:**

| | |
|---|---|
| Spanning Tree: | ● Disable ○ Enable |
| IP Address: | 10.2.147.50 |
| Subnet Mask: | 255.255.0.0 |

  STP Parameter

**Spanning Tree Protocol Parameters.**
Change the spanning tree protocol parameters and click 'Finish' buttom to submit then.

- **Bridge & port parameter:**

| | |
|---|---|
| Bridge priority (0 - 65535): | 32768 |
| Port1 Priority (0 - 255): | 128 |
| Port2 Priority (0 - 255): | 128 |

  Static bridge Parameter

**Static Bridge Parameters.**
Click 'Delete' or 'Modify' buttom to delete or modify static bridge entry. Input new static bridge and click 'Add' buttom to add entry. Click 'Finish' buttom to return to previous page.

- **Table of current MAC entries:**

Amount of usable static entry: 1

| No | MAC Address | Interface 1 - 2 |
|---|---|---|
| ● 1 | 00:00:00:00:00:00 | 1.Filter 2.Filter |

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## 2.2 SNMP Community Parameter



## 2.3 SNMP Trap Parameter



## 2.4 TFTP Parameter

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**3. Utility**
3.1 System Information

**Utility - General System Information**

General System Information.

| Product Model: | HWLAN 2001 |
| Software Version: | HWLAN 1.00 |
| Build: | |
| CPU: | Samsung NETARM 4510 |
| RAM: | 4MB |
| Flash: | 2MB |
| Chipset: | INTERSIL PRISM2 WLAN |
| Firmware Version: | |
| Host Name: | HWLAN |
| Domain Name: | iac.com.tw |

You can check this System Information page for some H/W specific

3.2 Software Upgrade

**Utility - Software Upgrade**

Please Fill in The Following Software Upgrade Information:

- **Upgrade Mode & TFTP Parameters:**

| Upgrade Mode: | Program Image |
| TFTP Server IP Address: | 10.150.19.45 |
| Upgrade Filename: | SOHO.BIN |

The AP manager program can be upgraded. This menu didn't include this part,
Please reference the document of software upgrade.

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## 5. Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, (example - use only shielded interface cables when connecting to computer or peripheral devices) any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**IMPORTANT NOTE:**
**FCC Radiation Exposure Statement:**
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.