

1. Package Contents

Thank you for choosing PLANET Industrial Wireless Access Point.

The PLANET Industrial Wireless Access Point comes with one of the following models.

- **IAP-2000PS:** 2T2R 802.11b/g/n 4-Port 10/100Mbps with 4-Port PoE (PSE) Industrial Wireless Access Point (RJ-45, 100m)
- **IAP-2000PE:** 2T2R 802.11b/g/n 4-Port 10/100Mbps with 1-Port PoE (PD) Industrial Wireless Access Point (RJ-45, 100m)
- **IAP-2001PE:** 2T2R 802.11b/g/n 4-Port 10/100Mbps with 1-Port PoE (PD) + 1-port 100FX (SFP Slot) Industrial Wireless Access Point

Open the box of the **Industrial Wireless Access Point** and carefully unpack it. The box should contain the following items:

- ◆ The IAP-200x series Industrial Wireless Access Point x 1
- ◆ User's Manual CD x 1
- ◆ Quick Installation Guide x 1
- ◆ DIN Rail Kit x 1
- ◆ Wall Mount Kit x 1
- ◆ 5dBi Antenna x 2

If there is any item missing or damaged, please contact your local reseller for replacement.

2. Requirements

- Workstations of subscribers running Windows 98/ME, NT4.0, 2000/XP/Vista/7, MAC OS 9 or later, Linux, UNIX or other platform compatible with TCP/IP protocols.
- The Workstation installed with Ethernet NIC (Network Card).
- Ethernet Port connection
 - ◆ Network cables - Standard network (UTP) cables with RJ-45 connectors.
 - ◆ The Above PC is installed with WEB Browser and JAVA runtime environment Plug-in.



It is recommended to use Internet Explore 7.0 or above to access IAP-200x Series.

3. Hardware Installation

3.1 Front Panel

Figure 3-1 & 3-2 & 3-3 show the front panels of Industrial Wireless Access Points.

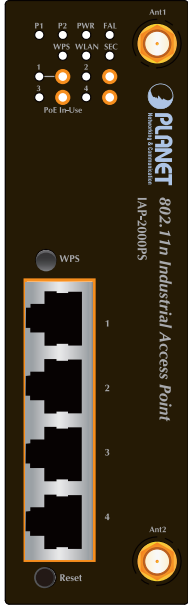


Figure 3-1
IAP-2000PS

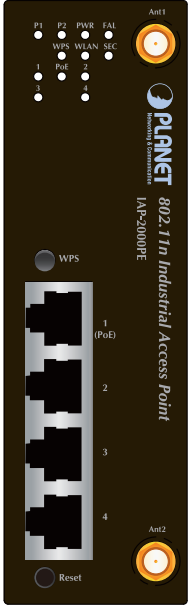


Figure 3-2
IAP-2000PE

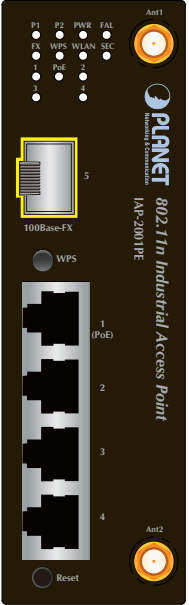


Figure 3-3
IAP-2001PE

■ 10/100Base-TX Ports / 100Base-FX Port

LED	Color	Function
1 ~ 4	Green	It indicates which RJ-45 port is link up.
FX	Green	It indicates the Fiber port is link up.
PoE	Orange	It indicates the device is power supplied by PoE.
PoE In-Use	Orange	It indicates which RJ-45 port is providing 48V DV in-line power.

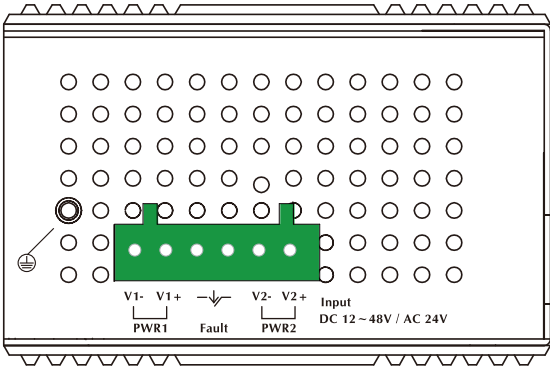


Figure 3-5 The Top Panel of IAP-2000PE / IAP-2001PE

3.2 LED Indicators

■ System

LED	Color	Function
P1	Green	It indicates the power 1 has power.
P2	Green	It indicates the power 2 has power.
PWR	Green	It indicates the machine is power on.
FAL	Green	It indicates either the power 1 or power 2 has no power.

■ Wireless LAN

LED	Color	Function
WPS	Orange	It indicates WPS is enabled.
WLAN	Green	It indicates the wireless LAN is enabled.
SEC	Orange	It indicates the wireless security encryption is enabled.

3.3 Wiring the Power Inputs

The 6-contact terminal block connector on the top panel of the Industrial Wireless Access Point is used for two DC redundant powers input. Please follow the steps below to insert the power wire.

1. Insert positive / negative DC power wires into the contacts 1 and 2 for POWER 1, or 5 and 6 for POWER 2.

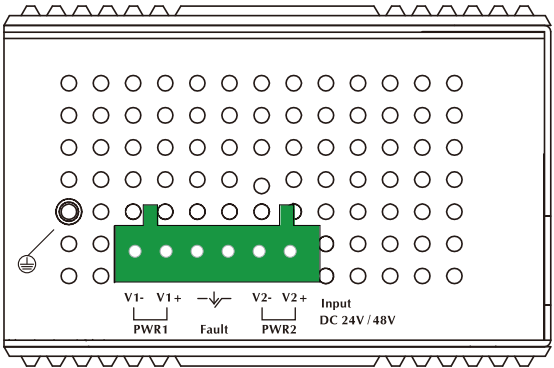


Figure 3-4 The Top Panel of IAP-2000PS

2. Tighten the wire-clamp screws for preventing the wires from loosing.

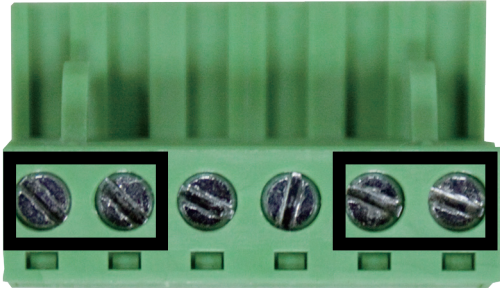


Figure 3-6

1	2	3	4	5	6
Power 1		Fault		Power 2	
-	+			-	+



The wire gauge for the terminal block should be in the range between 12 ~ 24 AWG.



The Power input voltage of IAP-2000PS is DC 24V or 48V only.
The Power input voltage of IAP-2000PE and IAP-2001PE is DC 12~48V / AC 24V.

4. Starting Web Management

The IAP-200x Series provide a built-in web management interface. You can manage the Industrial Wireless Access Point via a remote host with web browser, such as Microsoft Internet Explorer, Mozilla Firefox, Google Chrome or Apple Safari.

The following procedures show that how to startup the **Web Management** of the IAP-200x Series.

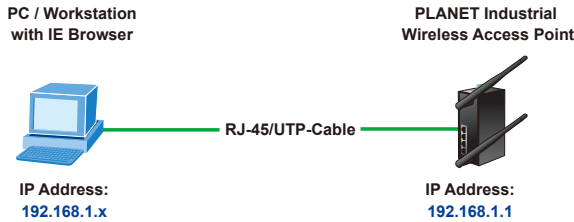


Figure 4-1 IP Management Diagram

Note The IAP-200x Series need to be configured through the Ethernet connection, so the manager PC must be **on the same IP subnet address**. The default setting of the DHCP server in the IAP-200x Series is disabled. If your PC obtains the IP address from other devices, please manually configure the correct IP address as 192.168.1.xxx, xxx is from 2 to 254.

3. After entering the user name and password, you will see the main screen which appears as Figure 4-3.

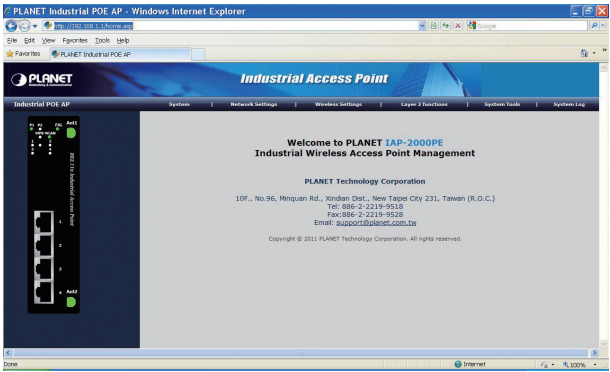


Figure 4-3 Main Screen of IAP-2000PE Web UI

Now, you can configure the IAP-200x Series via web management interface. If you need more detailed description of any function, please refer to the user manual for further information.



Figure 4-4 The Function Label of Web UI



300Mbps Industrial 802.11n Wireless Access Point
Reliable High-Speed Wireless Access Point for Harden Environment



For IAP-2000PS / IAP-2000PE / IAP-2001PE

Quick Installation Guide



■ Login to the IAP-200x Series

1. Open the web browser, and enter IP address **http://192.168.1.1** (the factory-default IP address if you have not changed before) to access the management interface.
2. When the following window appears, please enter the user name and password.

Default User name: **admin**
Default Password: **admin**



Figure 4-2 Login Window

5. Wireless Network Connection

■ Connect your PC with IAP-200x Series wirelessly

1. Right-Click on the network icon displayed in the system tray.



Figure 5-1

2. Highlight the wireless network (SSID) to connect and click **[Connect]**.

Default SSID: **default**



Figure 5-2

3. Enter the authentication key of the IAP-200x.

Customer Support

Thank you for choosing PLANET products. You can browse our online FAQ resource at the PLANET website first to check if it could solve your issue. If you need some more technical information, please contact PLANET support team.

PLANET online FAQ :
<http://www.planet.com.tw/en/support/faq.php>

PLANET support team email address :
support@planet.com.tw

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