

Quick Installation Guide

IPM-4220/IPM-8220

IP-based 4-/8-port Switched Power Manager



1. Package Contents

Thank you for choosing PLANET IP-based Switched Power Manager. The Switched IPM provides the useful function of managing power for any combination to connect with itself.

Open the box of the Switched IPM and carefully unpack it. The box should contain the following items:

- Switched IP Power Manager x 1
- Quick Guide x 1
- Power Cord x 1
- Rack-mounting Kit (Only for IPM-8220) x 1



Note

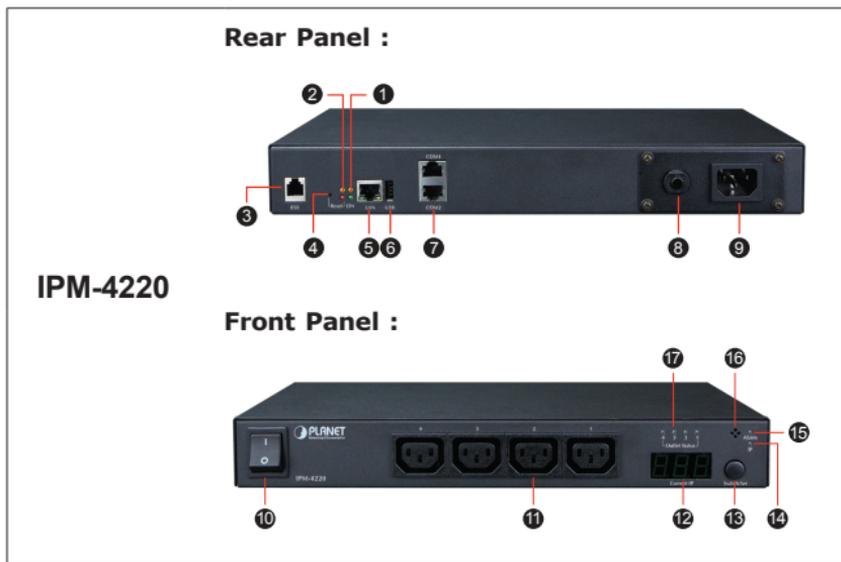
If there is any item missing or damaged, please contact the seller immediately.

2. Installation Precautions

- Please set the maximum power-off protection allowed by power circuit as per the rated current information indicated on the device with reference to the local state rules, safety procedures and disconnector deviation.
- The unit can only be connected to a grounded power outlet or system.
- Make sure the total current output of all the connected systems within the rated current indicated on the device.

- The test results of this device may be inaccurate giving unstable power supply.
- Avoid using this device in places near water or moisture environments.
- Use the attachments/accessories specified by the manufacturer only.
- Please avoid any items or liquids entering the device because their contact with dangerous voltage points or short-circuit parts may cause a fire or electric shock.

3 Physical Introduction

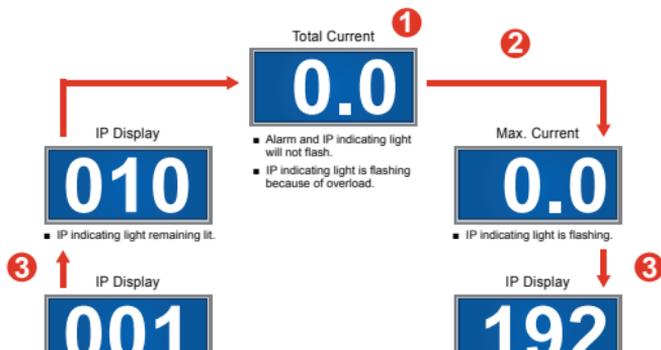


	System Indicating Light
①	Slow flashing: Normal operating Rapid flashing: Normal updating
②	Reset and Warning Indicating Light
③	Temperature/Humidity Port for IPM-ESB Connection
④	Reset Button
⑤	RJ45 Ethernet Port
⑥	USB Connected Port (Future Feature)

7	COM2/1 2 Com Ports provided to enable terminal control, API control and 2 mutual cascading
8	Circuit Breaker Protection
9	Power Inlet
10	Power On/Off Switch
11	Power Outlet Note: The maximum output current is 16 amps.
12	LCD Panel To display total current, voltage and IP
13	Switch/Set button Provide LCD panel in order to switch the total current and IP; set alarm current
14	IP Indicating Light Lights remaining lit: IP displaying Slow flashing: Max. current of alarm occurrence
15	Alarm Indicating Light Lights remaining lit: Alarm has occurred Slow flashing: There was current overloading
16	Buzzering
17	Power Outlet Indicating Light

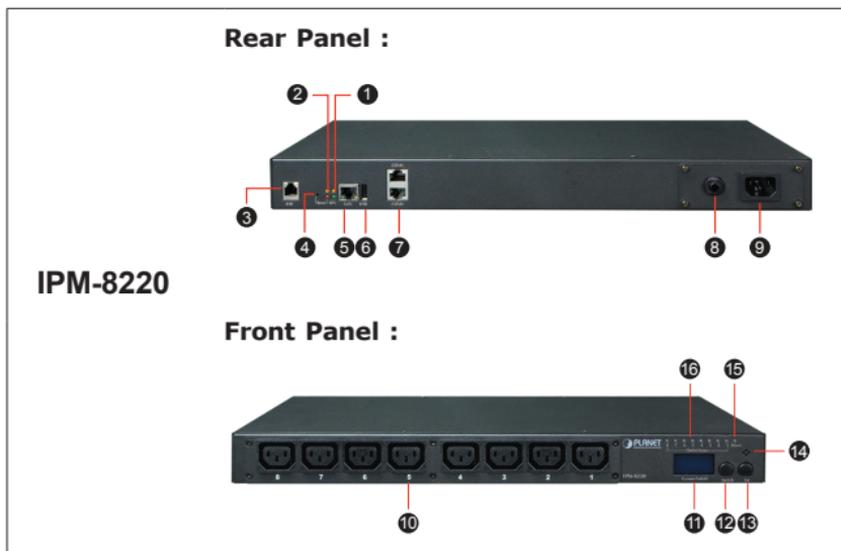
Panel Operation

The first mode of LCD is total current, switching with the **Switch/Set button** to show the regular sequence of total current, max. current and IP shown below:





- ① LCD menu shows the total current. → Hold the **Switch/Set button** for 3 seconds with a **long beep** to enter alarm current setting. → Press the **Switch/Set button** to increase the alarm current by **0.5A** in each press. → Hold the **Switch/Set button** for **3 seconds** with a **“beep”** to save the setting.
- ② Press the **Switch/Set button** and shows the maximum current. → Hold the **Switch/Set button** for **3 seconds** with a **long beep** to adjust to a **zero point**.
- ③ Press the **Switch/Set button** to switch the display of each IP address.

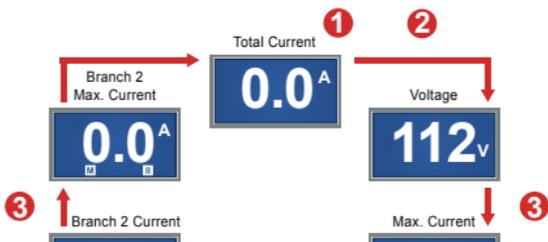


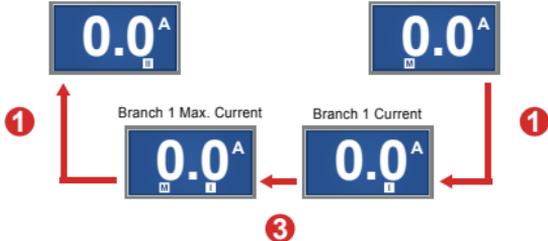
	System Indicating Light
①	Slow flashing: Normal operating Rapid flashing: Normal updating
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③	Temperature/Humidity Port for IPM-ESB Connection

④	Reset Button
⑤	RJ45 Ethernet Port
⑥	USB Connected Port (Future Feature)
⑦	COM2/1 2 Com Ports provided to enable terminal control, API control and 2 mutual cascading
⑧	Circuit Breaker Protection
⑨	Power Inlet
⑩	Power Outlet Note: The maximum output current is 16 amps.
⑪	LCD Panel To display total current, branch 1, branch 2, voltage and IP
⑫	Switch Button Provide LCD panel in order to switch the total current, power switch control and IP
⑬	Set Button Provide LCD panel in order to switch the total current, branch current, voltage, power switch current, power switch control and IP; set alarm current
⑭	Buzzer
⑮	Alarm Indicating Light Lights remaining lit: Alarm has occurred Slow flashing: There was current overloading
⑯	Power Outlet Indicating Light

Current Panel Operation

When the LCD panel only displays figures and the sign of "**A (AMP)**", it means total current. Switch with the **Set button** to show the following sequence:





- ① LCD menu shows total current, and current values of branch 1 and branch 2. → Hold the **Set button** for **3 seconds** with a **long beep** to enter alarm current setting. → Enter **flash mode** (LCD will flash after entering setting mode, "S" and "W" will display at the bottom of LCD). → Press the **Set button** to increase the alarm current by **0.5A** in each press. → Hold the **Set button** for **3 seconds** with a "beep" to save the setting.
- ② Press the **Set button** to show the voltage information.
- ③ Press the **Set button** to show the maximum current record of all branch/branch 1/branch 2. → Hold the **Set button** for **3 seconds** with a **long beep** to adjust to a zero point.

Power Outlet Panel Operation

When the LCD panel shows figures and "0", the information shown is the **branch circuit power outlet**. By clicking the **Set button**, the following information will be displayed in sequence:



- ① Press the **Switch button** to **Port 1~8** mode.
- ② Press the **Set button** to show power outlet current. → Hold the **Set button** for **3 seconds** with a **long beep** to enter power outlet alarm current setting. → Enter **flash mode** (LCD will flash after entering setting mode, "S", "0" and "W" will display at the bottom of LCD). → Press the **Set button** to increase the alarm current by **0.5A** in each press. → Hold the **Set button** for **3 seconds** with a "beep" to save the setting.

- ③ Press the **Set button** to show "**maximal power outlet current record**", → Hold the **Set button** for **3 seconds** with a **long beep** to adjust to a zero point.
- ④ Hold the **Switch button** for **3 seconds** with a **long beep** in **Port 1~8** mode. → Enter **Power On/Off mode** ("L" will be added in front of the original line number). → **Double-click the Set button** to switch between power on and off.



IP Panel Operation

Press the **Switch button** to show words like "**IP**" → Press the **Set button** to switch the display of each IP address. IP can only be set by the web page rather than the LCD panel.



4. Utility Installation for Windows

PLANET "**IP Search**" is a software utility used to search the Switched IPM product on a network quickly and with ease.

Step 1: Download the Power Packet Utility from PLANET download URL <http://www.planet.com.tw/en/support/download.php?type1=102&model=48843&type=8184#list>

Step 2: Please press the "**Refresh**" button to find out your Switched IPM.

Production	Firmware	DHCP	IP Address	Netmask	Gateway	MAC	HttpOpen	HttpPort	HttpOpen	HttpPort
PM-Series	1.004	False	192.168.0.208	255.255.255.0	192.168.0.254	A877:ED:00:09:24	True	80	False	443

Refresh	DHCP	<input type="checkbox"/>				
Configure	IP:	192.168.0.208	Netmask:	255.255.255.0	Gateway:	192.168.0.254
	MAC:	ABF7:BD:00:09:24				

Step 3: Enter the IP address and login to the homepage of Switched IPM.

Sign in

Account:

Password:

5. Further Information

The above steps introduce the simple installation of the Switched IPM. For further details on the installation of the Switched IP Power Manager, please refer to the user manual which you can be downloaded from the PLANET website.

<http://www.planet.com.tw/en/support/download.php?type1=102&model=48843&type=3>



If you have further questions, please contact the local dealer or distributor where you purchased this product or you can contact PLANET directly at the following email address: support@planet.com.tw

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