



User's Manual

Vertical IP-based 0U-series

Switched Power Manager

with 2 Cascaded Ports

IPM-08220IPM-16230



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Federal Communication Commission (FCC) 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 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 or more of the following measures:

- 1. Reorient or relocate the receiving antenna.
- 2. Increase the separation between the equipment and receiver.
- 3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- 4. Consult the dealer or an experienced radio technician for help.



FCC Caution

To assure continued compliance, 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 the 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.

Safety

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

CE Mark Warning

This device is compliant with Class A of CISPR 32. In a residential environment this equipment may cause radio interference.

Energy Saving Note of the Device

This power required device does not support Standby mode operation. For energy saving, please remove the power cable to disconnect the device from the power circuit. In view of saving the energy and reducing the unnecessary power consumption, it is strongly suggested to remove the power connection for the device if this device is not intended to be active.

WEEE Regulation



To avoid the potential effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment, end users of electrical and electronic equipment should understand the meaning of the crossed-out

wheeled bin symbol. Do not dispose of WEEE as unsorted municipal waste and have to collect such WEEE separately.

Revision

User's Manual of PLANET IP-based 8-port Switched Power Manager with 2 Cascaded Ports Model: IPM-08220, IPM-16230 Rev: 1.00 (April, 2024) Part No. EM-IPM-08220, IPM-16230_v1.0



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Chapter 1. Product Introduction

1.1 Package Contents

Thank you for purchasing PLANET IP-based Switched Power Manager, IPM-0U series. "**PDU**" mentioned in this user manual refers to the IPM-08220 and IPM-16230. Open the box of the Switched IPM and carefully unpack it. The box should contain the following items:





If any of the above items are missing, please contact your seller immediately.



1.2 Overview

Fulfilling Your Power Requirements with IP-enabled Power Outlets Embracing ESG Principles

PLANET IPM-08220 and IPM-16230 Vertical IP-based 8-port and 16-port Switched Power Management (IPM) devices are designed to efficiently handle power distribution for a versatile array of connected devices which meet the Environmental, Social, and Governance (ESG) principles. Leveraging cutting-edge IP-based technology, PLANET has transformed conventional power management equipment into genuine networking devices that align with sustainable and responsible business practices.

PLANET IPM-08220 and IPM-16230 can be monitored by PLANET's Universal Network Management System (UNI-NMS) and smart discovery utility to support IT staff by remotely monitoring all network devices and powered devices (PDs) while incorporating ESG policy into the operational status assessment. This integration ensures that the device not only meets the technological needs of modern networks but also contributes to environmental sustainability, social responsibility, and robust governance in the realm of power management.



Intelligent Power Management

The IPM-08220 and IPM-16230 boast 8/16 customizable power outlets that can be operated independently. It can monitor power usage via the SNMP, web interfaces, or the optional button to select the LCD panel display. This flexibility enables users to efficiently access, configure, and manage multiple networking devices remotely, saving valuable time and resources.





Real-time Current Monitoring

The LCD panel on the unit shows the aggregate current drawn from a power outlet. This feature aids installers in preventing overloaded circuits by issuing a visible warning when the current draw approaches the strip's maximum amperage.



Scheduled Power On/Off

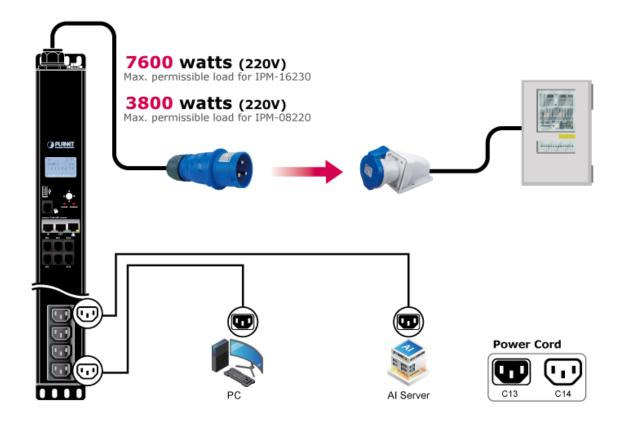
The IP-based Switched Power Manager empowers users to pre-define power schedules for IT equipment. It provides advance notice of an impending shutdown, allowing users a designated timeframe to complete tasks before the power-off sequence begins.





Enhanced Overload Protection

Unlike the conventional Power Distribution Units (PDUs) that risk cutting off the entire circuit during power overload, PLANET PDU takes a proactive approach. Equipped with a built-in circuit breaker and reset switch, it ensures stable power distribution among connected equipment. The 16-/32-amp circuit breaker acts as a safeguard against dangerous overloads, preventing potential damage to valuable equipment.



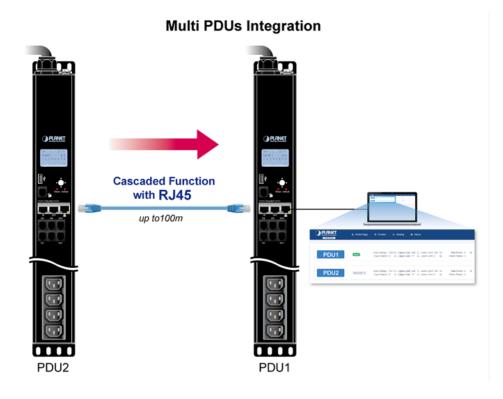
Enabling Environmental Monitoring with Precision

The IPM-08220 and IPM-16230 go beyond power management by offering dedicated port for ambient Temperature and Humidity (T/H) sensor (sensor provided with product). This thoughtful addition allows you to seamlessly integrate environmental monitoring into your infrastructure. By connecting compatible sensor to the provided ports, you gain valuable insights into the conditions of your surroundings, ensuring optimal performance and safeguarding your equipment. Additionally, the IPM-08220 and IPM-16230 feature traditional 3 DI and 2 DO ports for network cabinet access control, water intrusion detection, smoke alarm monitoring, and flash/sound siren activation. It reserves 1 I/O port and 1 USB port for potential future expansions, ensuring versatility and adaptability of the product.



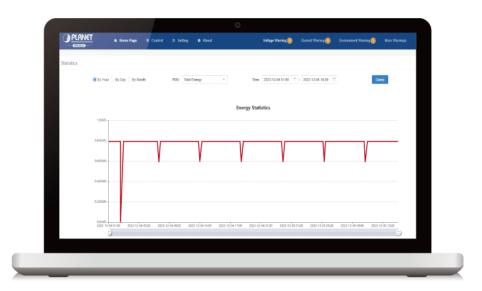
Streamlined Connectivity with Cascade Ports

Your networking experience can be elevated with the IPM-08220's and IPM-16230's Cascade Input and Output Ports, ideal for seamlessly linking RJ45 inputs to the other one. This enables smooth integration of multiple PDUs, optimizing your network infrastructure.



Efficient Energy Management for Cost Savings

Within the configuration interface of the IPM-08220 and IPM-16230, you have the ability to monitor the current energy consumption in your office. This feature empowers you to make informed decisions to reduce energy usage, ultimately leading to significant savings on utility expenses.





1.3 Features

Hardware

- Designed for 0U rack-mount size
- IEC outlet models
- 8/16 power outlets that support real-time current image monitoring
- LCD panel displays current, voltage, energy, network and environment information
- Optional button to enable lock-up protection to avoid modification
- Circuit breaker can avoid damage that is caused by overload
- LCD display to visually display the operating status of ports and PDU
- Each PDU can supply a maximum load of 3800W / 7600W with 255 PDUs cascaded
- Enhanced with an environmental sensor to provide a temperature alert via email
- Supports up to 3 sensors and 2 controllers for expanded functionality (another 1 x RJ11-type, 6P; 1 x USB type-A reserved)

Power Distribution

- Maximum amps/Inlet: IEC 16A / 32A for 1 inlet
- Maximum amps/Outlet: IEC 10A for 1 outlet
- Full frequency range: 50~60Hz
- Individual power sockets can be controlled locally and remotely
- The user can set the power on sequence and the delay time for each socket
- Supports separate detection of current, power, and power factor for each power supply
- Supports separate port set threshold warning and power off

Remote Access

- Remote power control via TCP/IP and a built-in 10/100Mbps Ethernet port
- Multi browsers support (Edge, Google, Firefox, Safari, Opera)



Management

- Network communication protocols: TCP/IP, UDP, HTTP/HTTPS (TLS1.2), NTP, DHCP, Ping
- Events notification by sending pop-up message or e-mail
- Management Information Base (MIB) files for SNMP
- Naming support for outlets
- Voltage, current, wattage and total kWh report
- Sets over-current watchdog for each power outlet
- Activity log
- PDU energy usage statistics
- Zero meter clearing function
- Firmware upgrade
 - The home page displays current and voltage alarms, and provides access to historical records of PDU anomalies
- PLANET's Universal Network Management System and Smart Discovery Utility remotely oversee all the operational statuses of connected PDUs.

Security

- Dynamic password verification in the login window enhances user login security verification
- Administrator and multiple users with password protection for double-layer security
- IP Filtering Address-specific IP security masks to prevent unauthorized access



1.4 Specifications

Produc	ct	IPM-08220	IPM-16230			
Hardwa	are Specifications					
Outlet I	Power Port	8	16			
Inlet Po	ower Port		1			
Networ	k Connector	1 RJ45 port for	10/100 BASE-TX			
TH Ser	nsor Port	1 x RJ11	-type, 6P			
Sensor	Port	3 x RJ11	-type, 6P			
Control	ller Port	2 x RJ11	-type, 6P			
Reserv	ed Port	1 x RJ11-type, 6I	P; 1 x USB type-A			
Cascad	de Port	2 x RJ	45-type			
Digital	Input (DI)	Level	0: 0V			
Digitai		Level	1: 3.3V			
Digital Output (DO)		Level 0: 0V				
		Level 1: 3.3V				
		1 x Default Button				
Button		1 x Reset Button 1 x Interface Selection Button				
	State of the socket /					
LED	Power	LCD D	lisplays			
	10/100M	1 (Greer	n/Orange)			
		Displays current, voltage, ene	ergy, network and environment			
LCD Pa	anei	inforr	nation			
Housin	g	aluminu	um alloy			
Dimens	sions (W x D x H)	696 x 66 x 44.5 mm	1126 x 66 x 44.5 mm			
Weight		2.1kg	3.1kg			
Installa	tion	0U rack-r	nountable			
Breake	r	1 x 16A	1 x 32A			
Power	Distribution					
Power		Inlet /	Outlet			
Voltage	;	100~	240V			
Freque	ncy	50~	60Hz			
Conneo	ction	1 x IEC60309 Aviation connector,	1 x IEC60309 Aviation connector,			
		8 x IEC320 C13	16 x IEC320 C13			
Maxim	um Current	16A	32A			



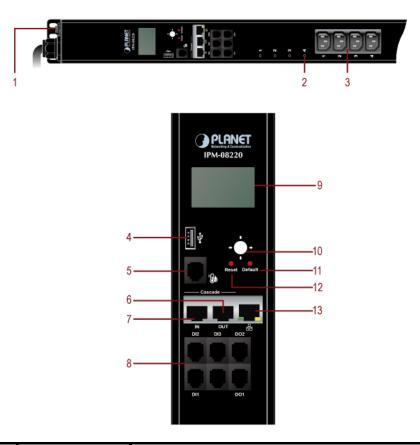
Maximum Line Current	10A
Management	
User Account	Operator/Visitor
	Web browser, SNMP
Management / Monitor Utility	PLANET Universal Network Management System
	PLANET Smart Discovery Utility
Security	IP filter
Standards Conformance	
Computer Interface	IEEE 802.3 10BASE-T
Computer Interface	IEEE 802.3u 10/100BASE-TX
Regulatory Compliance	CE, FCC
Environments	
Operating Temperature	0 ~ 60 degrees C
Operating Humidity	0 ~ 90%



Chapter 2. Hardware Interface

2.1 Physical Descriptions

Front Panel



No.	ltem	Description
	Overload	When the PDU is overloaded, the protector automatically
1	Protection	disconnects the power supply to protect the electrical
	Switch	equipment.
2	LED Indicators	Indicates the operating status of the power output port
3	Power Output Socket	Each power socket can connect to electrical devices with the current less than 10A . The total output power is less than 16/32A . If the power output exceeds the maximum load, the PDU and electrical devices may be damaged and the circuit breaker protection function may be triggered.



4	USB interface	Extend the USB function port
5	T/H Sensor Ports	External temperature and humidity sensors can be connected through RJ11 ports.
6	Cascade Output Port	Cascaded output with other PDUs through RJ45.
7	Cascade Input Port	Cascaded RJ45 input to other PDUs.
8	Sensor Interface	Sensor interface can be connected to access control, smoke, alarm and other devices.
9	LCD Displays	LCD is used to display PDU status information.
10	Interface Selection Button	Used to control the menu function of LCD.
11	Default Switch	 This switch is recessed and must be pushed with a thin object, such as the end of a paper clip. You can press this button and hold it for more than 3 seconds to reset the PDU to factory default values.
12	Reset Switch	Hold down the key to restart the PDU.
13	LAN Port	It can connect to 10M/100M Ethernet network. Control and access PDUs.





Please follow the steps below for installing the power input socket.





1. As shown in the picture, remove the 4 screws from the socket.



2. Separate the nose from the fuselage and remove the nose.



(1) Loosen the contact screws. (2) Mark according to the pin.



- (2) Insert the wire core and tighten the contact screws.
- 3. Connect the L, N, and GND wires of the cables as shown in the figure, and tighten them to prevent virtual disconnections.



4. Connect the head and the frame, and tighten with screws.



2.2 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 disconnection or 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 is 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.



In order to avoid a fire hazard or risk of electric shock, do not expose the product to rain or moisture.

- 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.



2.3 Hardware Installation

A PDU can be installed in an indoor distribution box or on a wall. To install a PDU in the above positions,

use the fasteners and screws delivered with the DEVICE to secure the PDU to a specific position.

To install a PDU, perform the following operations:

- **Step 1.** Properly ground the PDU using ground cables. Connect one end of the grounding cable to the grounding terminal and the other end to the appropriate grounding object.
- **Step 2.** For each group of devices to be connected, use their power cables to connect the AC socket of the device to the available socket on the PDU.
- Step 3. Connect the cable that connects the PDU to the network connection port of the PDU.

Step 4. Connect the PDU power cable to the AC power supply.

After connecting PDUs, power on PDUs and connected devices.



- 1. Do not omit **Step 1.** Proper grounding can avoid damage caused by surge or static electricity.
- 2. Do not plug the PDU power cord into the extender of multiple sockets to prevent it from being unable to get enough power to operate properly.
- 3. It is strongly recommended that you use harness straps and cable boxes to secure cables to the front panel of the equipment. Prevent loose and poor contact in subsequent time.
- 4. Please make sure all the units connected are powered off before the installation of the device and take other necessary precautions during the installation.

2.3.1 Rack Mounting

Please note the following items when performing rack installation.

- 1. When extending the device out of the rack, ensure that the rack is smooth and stable.
- 2. Do not overload the AC branches that supply power to the frame; the carrying capacity of the whole frame should not exceed 80 percent of the power of the branch.
- 3. Make sure that all equipment used on the rack including power strips and other electrical connectors is properly grounded.
- 4. Ensure that proper airflow is provided to devices in the rack.
- 5. Ensure that the operating ambient temperature of the rack environment does not exceed the maximum ambient temperature specified for the equipment by the manufacturer
- 6. Do not step on or stand on any device when servicing other devices in a rack.



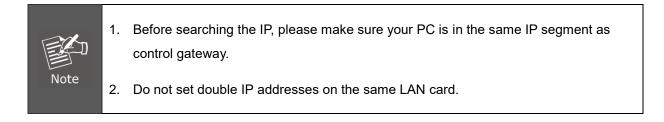
2.4 Initial Utility Installation

PLANET "**Smart Discovery**" is a software utility used to search the IP Metered PDU product on a network quickly and with ease.

Step 1: Please download the Smart Discovery tool from <u>PLANET Download Center</u>.

Step 2: Please press the "Refresh" button to find out your IP Metered PDU.

	🎐 PLANET Smart D	iscovery Lite							-		×
Fi	le Option Hel	р									
			C Refre	sh	🖹 Exit			9	PL		
	MAC Address	Device Name	Version	DeviceIP	NewPassword	IP Address	NetM ask	Gateway	Descrip	tion	
1	A8-F7-E0-C:3-FF-A8	IPM-16230	v1.20240111	192.168.0.10		192.168.0.10	255.255.255.0	192.168.0.1	8 port S	witched Po	ower N
	Select Adapt	ter: 192.168.0	.99 (00:05:1B:C2	:10:29)	_	•	Control Pac	ket Force Broa	dcast		
		U	pdate Device	Update Multi	Upda	te All	Connect to	Device			



Step 3: Enter the IP address and log in to the homepage of IPM.

Login		
(1) admin		
• ••••		
4781		4 7 8 1
		Forgot password
	Login	



2.5 PDU Discovery through PLANET NMS Controller

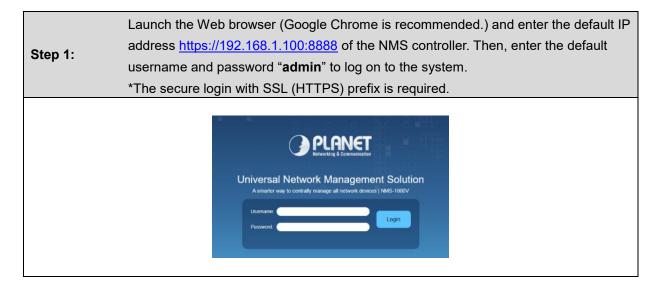
(NMS-500/NMS-1000V)

The IPM-08220 and IPM-16230 are the vertical IP-based Switched Power Managers which can be centrally monitored by PLANET NMS Controller.

Follow the steps below to discover the managed PDU through PLANET NMS controller (NMS-500/NMS-1000V). Please ensure NMS and each managed PDU use a different static IP in the same subnet before physically connecting to the managed network.



Please regularly check PLANET website for the latest compatible list of the controller/managed PDUs in each firmware version.



	Go to the " Domain " page to discover and add the managed PDU to the device list.
Step 2:	Then, you can search and go to the "Device List" and "Topology View" page to
	monitor the managed PDU.

QPENEE 40 0 2 ∞<							۰ ۴ - ७ -		
Discovery Device List Topology View					Total: 3, 0	Offline: 2, Online: 1	1 + 💼 IP Powe	er Management 👻 Filte	r by Content Q
	Status	Group	MAC Address	Device Type	Model No.	Version IP Address		Device Description	Action
	9 🐌		A8:F7:E0:CB:87:BC	IP Power Management	IPM-16230	20231013 192.168.100.84		IPM-16230	🗎 📽 🖉 💼



Chapter 3. Web Login

In this section users can learn how to query device IP and how to set account, password, network and time zone through daemon.

3.1 Network Connection

After the device is connected to the network, the device IP will be preset to **192.168.0.10**. The IP can be displayed on the LCD panel or device IP can be searched by PLANET Smart Discovery.

Default DHCP Client	Off
Default IP Address	192.168.0.10
Default Port	80
Default Login User Name	Admin
Default Login Password	Admin
Search Tools	PLANET Smart Discovery

3.2 Starting Web Management

Step 1: Log in the web setting page of PDU

Enter the IP address of PDU (e.g., <u>https://192.168.0.10</u>) in the address bar using the https method of your PC's web browser. The login screen in Figure 3-2-1 appears.

The default user name and password are both admin.

Login	
admin	
•••••	
## 4781	4 7 8 1
	Forgot password
	Login

Figure 3-2-1 Login screen



After logging in, you will be required to change the password. The password must contain 8-32 characters, including upper case, lower case, numerals and other symbols. Please note that spaces are not allowed.

Please create a new password and log in again

For security reasons, you must change to your unique user name and password (See Step 4. Changing Administrator Log-in for more information).

Step 2: After you have logged in to the PDU successfully, the Socket Access/Connection page will appear:

-	ANET	Home Page	≪ Control O Si	eting 🔿 About		Volt	age Warning 🧿 Current I	Warning 😐 Envi	context Warning 📀	More Warnings	🕕 admin v
IP	M-08220			Upper Limit: 240 V, Lower L Upper Limit: 17 A, Lower L		tal Pawer 1.1 W er Pactor 0	Total Energy 0 Ki		uro 22 °C Ry 56.8 %	Statistics	Thresould
	Port	Port Name	Voltage	Current	Power	Energy	Power Factor	Status	Operation		
	1	Out1	117 V	0.A.	0 W	0 kinh	0	On	On Of	Restart Schodul	od Task
	2	Out2	118 1 V	0.12 A	1.1 W	0.65%	0.06	On	Con Off	Restart Schodul	od Task
	3	Out3	115.6 V	0.A	0 W	0 KNh	0	On	Cn Of	Restart Schodul	od Task
	4	Ouli	117.4 V	0.A	0 W	0.00%	0	Ch	Cn Of	Restart Schedul	nd Task
	5	Out5	118 V	0.A	0 W	0 KNh	0	Cin .	On Of	Restart Schedul	ed Task
	6	Outs	116.6 V	0.A	0 W	0 KNB	0	Cin .	Cn Cff	Restart Schedul	ed Task
	7	Out7	116.7 V	0.A.	0 W	0 85%	0	0n	On Of	Restart Schedul	ed Task
	8	OutS	118.3 V	0.A.	0 W	0 KNh	0	0n	On Off	Restart Schedul	ed lask
Al	On Of Res	itart									

Figure 3-2-2 Default Main Page

After logging in, the top panel of the page provides the following options for PDU operations: Home Page, Control, Statistics, Settings, and About. Click the corresponding TAB to select, set, and view the functions provided on the corresponding page.

Step 3: Network Configuration

To configure the network, perform the following operations:

- 1. Click the Setting TAB.
- 2. The device configuration page is displayed. A screen similar to the following should appear:



Figure 3-2-3 Configuration Page

3. Please fill in the field data according to the information provided in the device setting instructions of **Network Setting**.



Step 4. Change of administrator Log-in

To change the default user name and password of the administrator, perform the following operations:

 Click the User List in the User Management button at the top of the screen. The User List screen in Figure 3-2-4 appears. A list of users is listed on the left side of the user administrator page, with their more detailed information displayed on a large block in the center.

User Management						
User List	User List					
Add User	+ Add U	Jser				
Permission Management		User Name	Permission	Remark	Status	Add Time
Blacklist Setting		admin	Admin	supervisor	Enable	2019-11-24 15:18:11

Figure 3-2-4 User List Page

2. In the Administrator information section, select Edit to reset the unique name and password, then click **Save** (bottom of the page).

Edit User	
User Name	admin
Password	
Password Validation	
Permission	Admin
Status	Enable
Remark	adminastrator
	Save

Figure 3-2-5 Edit User Page



The password must contain 8-32 characters, including upper case, lower case, numerals and other symbols. Please note that spaces are not allowed.

3. After you complete the network settings and change the default administrator account and password, you are granted operational permissions to other administrator accounts. Instructions for managing new users are explained in the next section.



If you forget the administrator account and password, please reset the PDU to restore the initial settings and the default administrator account.



Chapter 4. Web-based Management

This section provides instructions about how to use the web interface to configure and control the IP Power Manager remotely.

4.1 Main Page / Home Page

Once you have logged in successfully, the PDU home page will appear as shown below along with the socket access page:

C22	_ /	A Home Page	☆ Control 0	Setting Abou	ıt	Voltage Warr	ving 🧿 Current War		ment Warning 💿 🛛 M	ore Warnings
	C	1)				4		(2)		3
IPM	-08220		nput Voltage 115.1 V(Up) Input Current 0 A(Up)	per Limit: 240 V, Lowe per Limit: 17 A, Lowe		otal Power 0 W wer Factor 0	Total Energy 0		ature °C nidity %	Statistics Thresould
	Port	Port Name	Voltage	Current	Power	Energy	Power Factor	Status	Operation	
	1	Out1	114.8 V	0.A	0 W	0 KWh	0	Oh	On Of R	estart Scheduled Task
	2	Out2	115.4 V	0.A	0 W	0 kWh	0	On	On Of R	estart Scheduled Task
	3	Out3	115.7 V	0.A	0 W	0 kWh	0	On	On Of R	estart Scheduled Task
	4	Out4	115.2 V	0.A	0 W	0 kWh	0	On	On Of R	estart Scheduled Task
	5	Out5	114.9 V	0.A	0 W	0 kWh	0	On	On Of R	estart Scheduled Task
	6	Out5	115.1 V	0.A	0 W	0 kWh	0	Oh	On Of R	estart Scheduled Task
	7	Out7	114.2 V	0.A	0 W	0 KWh	0	On	On Of R	estart Scheduled Task
	8	Out8	115.2 V	0.A	0 W	0 kWh	0	On	On Of R	estart Scheduled Task
AI	On Of	Restart								

Figure 4-1-1 Home Page Screenshot

Page Components

Web page components are described as follows:

No.	Item	Description
1	Option Column	This option column contains the main operation categories of THE PDU. The items that appear in the option column vary according to the user type. This authorization option is set when the account is established.
2	Alarm Column	Lists the number of alarms related to the PDU running process. You can click to go to the details page to view the type and content of the alarm.
3	Log-in Options	You can perform log-in operations, such as refreshing, logging out, changing passwords, and querying logs.
4	PDU Operating Status	Provides real-time information about the device, such as power voltage, current, power consumption, and temperature/humidity.



4.1.1 Socket Access

When you log in to the PDU, the user interface will be displayed with the default socket access page and a menu. The PDU status and socket status contents are displayed on the main block.

Port Name	Voltage	Current	Power	Energy	Power Factor	Status	Operation
Out1	116.7 V	0 A	0 W 0	0 kWh	0	On	On Off Restart Scheduled Task
Out2	117.2 V	0 A	0 W 0	0 kWh	0	On	On Off Restart Scheduled Task
Out3	117.6 V	0 A	0 W 0	0 kWh	0	On	On Off Restart Scheduled Task
Out4	117.3 V	0 A	0 W 0	0 kWh	0	On	On Off Restart Scheduled Task
Out5	116.7 V	0 A	0 W 0	0 kWh	0	On	On Off Restart Scheduled Task
Out6	116.9 V	0 A	0 W 0	0 kWh	0	On	On Off Restart Scheduled Task
Out7	116.2 V	0 A	0 W 0	0 kWh	0	On	On Off Restart Scheduled Task
Out8	117 V	0 A	0 W 0	0 kWh	0	On	On Off Restart Scheduled Task

Figure 4-1-2 Socket Access Page Screenshot



Only PDUs with this function display the socket status sub-menu block. Other models only provide PDU status monitoring, which allows you to enable, disable, reset, and schedule tasks for corresponding port sockets. For detailed descriptions, refer to the subsequent chapters.

4.1.2 Statistics

You can collect energy consumption statistics based on the specified query time range. Select a start time from the drop-down list box based on the date, month, and year. You can select energy consumption within 24 hours, the latest 7 days, 30 days, and 90 days based on the quick selection function on the time bar.

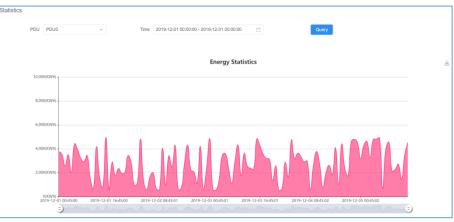


Figure 4-1-3 Energy Statistics Page Screenshot



The power consumption statistics chart can only display the currently connected PDU. When the Master PDU is connected to the Slave PDU using the cascade function, only the Master PDU will be displayed on the statistical web page of the Master PDU. To view the power consumption statistics of the Slave PDU, you will need to check it on the respective Slave PDU.



4.1.3 Threshold

Click the Threshold button in the Home Page at the top of the screen. The Socket Threshould Setting screen in Figure 4-1-4 appears. You can set the maximum and minimum values of the input current to each socket. When the current exceeds the threshold, the PDU automatically sends alarm logs to the specified email box address, and an alarm message is displayed on the home page, or automatically disconnects the corresponding port to eliminate the risk of device overload. After the modification, click the **Save** button to save the settings. Please refer to the **4.3.4** chapter for more details.

Batch Thres	hould Setting						\times
PDU	IPM-08220						
Select Port	All Out1 Out7	Out2 Out8	Out3	Out4	Out5	Out6	
Current Warning Upper Limit				Current Warning Lower Limit	×		
Current Off Upper Limit				Current Off Lower Limit			
			1	Save			

Figure 4-1-4 Socket Threshould Setting Page Screenshot



4.2 Control

On the menu bar of the home page, select **Control** to access the scheduled task options page of the PDU. You can query scheduled tasks and add new scheduled tasks for the socket.

 Scheduled Task 	Scheduled Ta	nales List				
Scheduled Tasks List	Scheduled la	ISKS LIST				
Add Scheduled Task	Select Device	IPM-08220	✓ FirstAction	C Search	Clear	+ Add Scheduled Task
	PDU	Port	First Action	Repeat	Remark	Operation
				No Data		
						Total 0 item < 1 >

Figure 4-2-1 Scheduled Tasks List Page Screenshot

In the schedule task list bar, you can retrieve the desired port schedule status by time.

💩 Scheduled Task 🖍	
Scheduled Tasks List	Add Scheduled Task
Add Scheduled Task	Select Device IPM-08220 V
	Select Port All Out1 Out2 Out3 Out4 Out5 Out6 Out7 Out8 Out8 Out4 Out5 Out6 Out7
	Control Type Off ~
	Action Date
	Action Time
	Repeat Sun Mon Tue Wed Thu Fri Sat
	Remark
	Save

Figure 4-2-2 Add Scheduled Task Page Screenshot

In addition, you can add scheduled tasks based on your requirements, such as socket port, switch type, time, working day, and remarks. Select the corresponding option and click the **Save** button to save and generate a scheduled task. PDU will perform the corresponding scheduled task operation at the set time.





4.3 Settings

Setting options includes **User Management**, **Device Deployment**, **Global Setting**, and **Threshold Setting**. This option is available only to administrators. Common users cannot see this option.

User Management User List Add User Permission Management Blacklist Setting	Device Deployment Cascade Setting Network Setting Port Name Setting Port Delay Setting SNMP Setting Ping Setting
Global Setting Mail Setting System Time Setting Clear Energy Restore to Factory Setting Upgrade Language Setting	Threshould Setting Input Warning Setting Output Warning Setting Output Off Setting Temp & Humi Warning Setting

Figure 4-3-1 Configuration Page

4.3.1 User Management

Sub-function options include User List, Add User, Permission Management, and Blacklist Setting.

User List

If you log in to the PDU as an administrator, the account list displays information about all accounts in the PDU system. The administrator has the permission to **add**, **delete**, and **edit** accounts. The default administrator account can only be edited but cannot be deleted.

+ Add	User					
	User Name	Permission	Remark	Status	Add Time	Operation
	user1	Visitor	Visitor User	Enable	2024-01-22 10:08:57	Edit Delete
			supervisor	Enable	2019-11-24 15:18:11	Edit



Add User

After logging in as an administrator, you can use this function to add new accounts and select corresponding permissions.

Add User	
User Name	user1
Password	
Password Validation	
Permission	Operator Visitor
Status	Enable Disable
Remark	user
	Save

Figure 4-3-3 Add User Page Screenshot

Permission Management

There are two levels of permission management options: **Operator** and **Visitor**. Operator rights provides functions related to PDU operations. If selected, the corresponding rights take effect and the operator is granted the operation rights.

Operator Visitor			
Operate Ports	User Management	Manage Scheduled Task	Port Name Setting
Port Delay Setting	System Time Setting	Clear Energy	Z Language Setting
Input Warning Setting	Output Warning Setting	Output Off Setting	🛃 Temp & Humi Warning Settin
View System Logs	View User Operation Logs	 Statistics 	

Figure 4-3-4 Permission Management Page Screenshot -- Operator



Permission Management		
Operator Visitor		
View System Logs	View User Operation Logs	Statistics
Save		

Figure 4-3-5 Permission Management Page Screenshot -- Visitor

Visitor permission -- This section describes how to query system logs, operation logs, and statistics. You can select the corresponding options to assign the browsing permission to users.

Blacklist Setting

Users can add Settings based on the IP addresses that need to be restricted to prevent accounts with restricted addresses from accessing and logging in to the PDU control system.

Blacklist Setting	
+ Add	
IP	Operation
192.168.0.200	Delete
192.168.0.201	Delete
	Total 2 items < 1 >

Figure 4-3-6 Blacklist Setting Page Screenshot

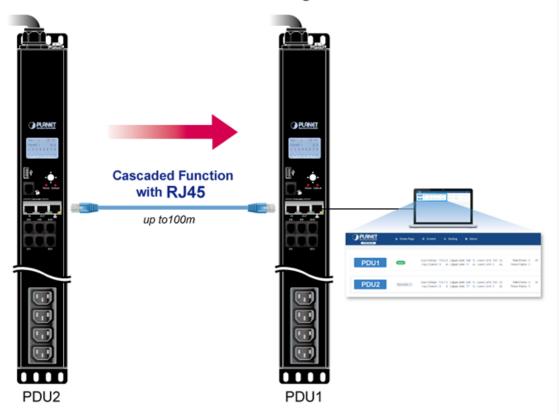


4.3.2 Device Deployment

Sub-function options include Cascade Setting, Network Setting, Port Name Setting, Port Delay Setting, SNMP Setting and Ping Setting.

Cascade Setting

The cascade feature allows the connection of other IPM-0U series PDUs. Users only need to access the web page of the **Master PDU** to centrally manage all connected IPM-0U series PDUs.



Multi PDUs Integration



Please follow the steps shown below:

Step 1. Choose a PDU to serve as the Master role and select the total number of slave PDUs. Additionally, set specific and unique addresses for each slave PDU. After the modification, click the Save button to save the settings, then please restart the system to apply the changes.

Cascade Setting	(Reboot to ta	ke effect)	
Device Type	Master	~	
Number of Slaves	2	(Excluding Master)	
No.		Address	
1		1	
2		2	
	Save		

Figure 4-3-7 Cascade Setting for Master Page Screenshot

Step 2. Individually go to each Slave PDU to configure the corresponding address.

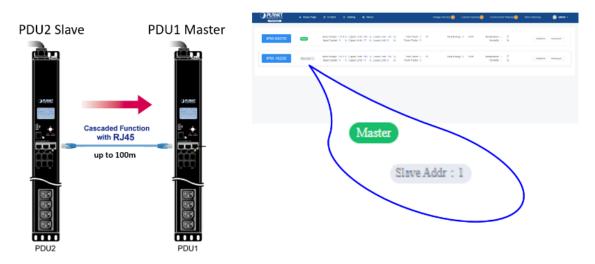
After the modification, click the **Save** button to save the settings, then please restart the system to apply the changes.

Cascade Setting	(Reboot to take effect)
Device Type	Slave ~
Slave Addr	1
	Save

Figure 4-3-8-1 Cascade Setting for Slave Page Screenshot



Step 3. Use an RJ45 UTP cable to connect the cascade IN port of the Slave PDU from the cascade OUT port of the Master PDU for establishing the connection between the Master PDU and Slave PDU and so on. Then there are two Slave PDUs status that will be displayed on the Master PDU web page shown below:





Network Setting

etwork Setting (Rebo	oot to take effect)	
Adapter		
IP Addr	192.168.0.10	
Subnet Mask	255.255.255.0	
Gateway IP	192.168.0.1	
Primary DNS Server	8.8.8.8	
Secondary DNS	168.95.1.1	
Smart DHCP		
NetBios Name	IPM-8221	
HTTP Port	80	
HTTPS Port	443	
Redirect		
MAC Address	A8:F7:E0:C3:FF:A8	
		Save

Figure 4-3-9 Network Setting Page Screenshot



The default IP address is **192.168.0.10.** You can reset the IP address and network settings based on your IP address segment. Click **Save** to save the new Settings. After setting the parameters, please restart the system to apply the changes.

By default, the **Redirect** option is disabled. In this case, PDUs support **http** or **https**. If this option is enabled, PDUs can only support **https** access.

By default, the smart DHCP option is disabled. In this case, you need to set the IP address of the PDU. If this option is enabled, the PDU will change to a dynamic IP address assignment mode.



You can restart the PDU in two ways:

1. Press the embedded Reset button at the front of the PDU with a needle, such as the end of a paper clip, to restart the PDU.

2. On the Web page of the PDU, select the **Upgrade** option in Global Setting and click **Restart** to restart the device.

Port Name Setting

Click the Port Name Setting. The User List screen in Figure 4-3-10 appears. You can set the name of the PDU or the socket of the PDU control port. After the modification, click the Save button to save the settings.

PDU	PDU 0	~		
Name	IPM-08220			
Port Name	Port		Name	
	Port1		Out1	
	Port2		Out2	
	Port3		Out3	
	Port4		Out4	
	Port5		Out5	
	Port6		Out6	
	Port7		Out7	
	Port8		Out8	

Figure 4-3-10 Port Name Setting Page Screenshot

Port Delay Setting

Port delay setting function allows you to set the opening and closing delay time of the port socket. By default, the switching interval of the adjacent port is 1 second. You can also modify the interval delay time according to your needs. After the modification, click the **Save** button to save the settings.



U IPM-08220	¥		
Port	On Delay(Second)	Off Delay(Second)	Restart Delay(Second)
Out1	1	1	1
Out2	2	2	2
Out3	3	3	3
Out4	4	4	4
Out5	5	5	5
Out6	6	6	6
Out7	7	7	7
Out8	8	8	8

Figure 4-3-11 Port Delay Setting Page Screenshot



The delay time of the port socket is intended to protect the electrical appliance from experiencing the shock of current and voltage at the moment of power-on, thus protecting the electrical appliance from damage. It is strongly recommended to retain the default delay setting.

SNMP Setting

By default, the SNMP function is disabled. If this function is enabled, you can manage the PDU via SNMP tool. The message will be sent to SNMP management when the circuit breaker traps or the PDU socket threshold is set beyond the minimum or maximum setting range. After the modification, click the **Save** button to save the settings, then please restart the system to apply the changes.

SNMP Setting (Re	boot to take effect)	
SNMP Agent On	v	
Communit	public	
Permission	Read And Write v	
TRAP On	Z	
Reception Addr	192.168.0.1	
	Save	

Figure 4-3-12 SNMP Setting Page Screenshot



Ping Setting

Ping Setting is used to test whether the network of the port connected to the PDU is normal. You can set an IP address and interval to test whether the network is normal. After the modification, click the **Save** button to save the settings.

U IPM-082	20 ~					
Port	IP	Ping Interval(Second)	Ping Timeout(Second)	Ping Failed Action	Enabled	Test
Out1	192.168.0.1	5	5	Off ~		Test
Out2	192.168.0.1	5	5	Off ~		Test
Out3	192.168.0.1	5	5	Off ~		Test
Out4	192.168.0.1	5	5	Off ~		Test
Out5	192.168.0.1	5	5	Off ~		Test
Out6	192.168.0.1	5	5	Off ~		Test
Out7	192.168.0.1	5	5	Off ~		Test
Out8	192.168.0.1	5	5	Off 🗸		Test

Figure 4-3-13 Ping Setting Page Screenshot



4.3.3 Global Setting

Sub-function options include: Mail Setting, System Time Setting, Clear Energy, Restore to Factory Setting, Upgrade, and Language Settings

Mail Settings

The email setting function allows you to send PDU alarms and logs to a specified email address after setting an email address. After setting the email address, you can send a test email to check whether the email address is correct. After the modification, click the **Save** button to save the settings.

Account setting	Receiver List	Send Logs
SMTP Server		
Port		
Sender		
Password		٢
Enable Mail	Enable Dis	sable
	Save	Sending Test

Figure 4-3-14 Mail Setting for Account Setting Page Screenshot

Mail Setting				
Account setting	Receiver List Send	Logs		
Name	Mail B	ox	Search Clear	+ Add
Name		Mail Box	Status	Operation
Eddie		610114768@qq.com	Enable	Edit Delete
Eddie		zhu_huijia0001@126.com	Enable	Edit Delete

Figure 4-3-15 Mail Setting for Receiver List Page Screenshot



You can search, query, edit, and delete email addresses in the receiving email list, and enable or disable email sending Settings. It is convenient for you to adjust according to the actual application situation.

Mail logs record sent mail information. You can query, delete, or export mail logs based on the time setting.

Mail S	ail Setting							
Accou	unt setting Receiver List	Send	Logs					
PDU	PDU0 ~	Time	-	Search				
	Device Name		Reception Mail Box	Content	Send Time	Operation		
	PDU0		Eddie,zhu_huijia0001@126.co m;Eddie,610114768@qq.com	The input voltage is under lower limit!	2021-12-29 10:56:34	Delete Export		
	PDU0		Eddie,zhu_huijia0001@126.com	The input voltage is under lower limit!	2021-12-29 10:52:06	Delete		
	PDU0		Eddle,zhu_huljla0001@126.com	The input voltage is under lower limit!	2021-12-29 10:50:18	Delete Export		
Delete	e Export							

Figure 4-3-16 Mail Setting for Sent Logs Page Screenshot

System Time Setting

You can set the system time of the PDU and synchronize the time with the browser you log in to. The PDU supports the NTP time server protocol and automatically updates the system time. Users can also change the access address of the time server. After the modification, click the **Save** button to save the settings.

System Time Set	ting		
System Time	2024-01-17 16:31:32		
Set time		Ë	Synchronize from Computer Time
	Save		
Master ntp server	time.nist.gov		
Slave ntp server	pool.ntp.org		
	Save		

Figure 4-3-17 System Time Setting Page Screenshot

Clear Energy

The Clear Energy function can reset the accumulated electric quantity of the PDU. After setting, the PDU system will restart the calculation of accumulated electric quantity.



Clear Energy		
PDU	IPM-08220	~
Total Energy	0.25 kW	
	Clear Energy	

Figure 4-3-18 Clear Energy Page Screenshot

Restore to Factory Setting

The factory setting restoration function restores the PDU to its factory settings and deletes all records and information in the PDU. Exercise caution when performing this operation. After the default setting is restored, the system will restart. Then you can perform related operations, like setting PDUs again.

Restore to Factor	ry Setting			
PDU	IPM-08220	~		
	Restore to Factory	Setting(Device	Will Reboot after restoration)	
	Restore to Facto	ory Setting		

Figure 4-3-19 Restore to Factory Setting Page Screenshot

Upgrade

After the system is upgraded, you can query the latest version of the PDU software you use on PLANET website, download the file and save it in the specified file directory on the PC. Select the upgrade file to complete the software update of the PDU system, and restart the PDU system after the system is updated.

Upgrade	
Upgrade File	
	Restart

Figure 4-3-20 Upgrade Page Screenshot



4.3.4 Threshold Setting

Sub-function options include **Input Warning Setting**, **Output Warning Setting**, **Output Off Setting**, and **Temp. & Humidity Warning Setting**.

■ Input Warning Setting

You can set the maximum and minimum values of the input current and voltage. When the current or voltage exceeds the threshold, the PDU automatically sends alarm logs to the specified email box address, and an alarm message is displayed on the home page, facilitating query and handling after your next log-in. After the modification, click the **Save** button to save the settings.

PDU	IPM-08	220	~		
/oltage Upper Limit	240	V	Voltage Lower Limit	0	V
Current Upper Limit	17	А	Current Lower Limit	0	А

Figure 4-3-22 Input Warning Setting Page Screenshot

Output Warning Setting

You can set the upper limit and lower limit of the output current of each power output port respectively to ensure that the electrical device works within a safe current range. If the output current exceeds the set range, the system will issue an alarm. You can also set parameters in batches. Treat the same setup requirements uniformly. After the modification, click the **Save** button to save the settings.

PDU	PM-08220	∽ Batch	Threshould Setting	
Dutput	Current	Warning Upper Limit	Current Warr	ning Lower Limit
Dut1	2.5	Α	0	А
Dut2	2.5	Α	0	A
Dut3	2.5	Α	0	A
Dut4	2.5	Α	0	A
Dut5	2.5	Α	0	Α
Dut6	2.5	Α	0	А
Dut7	2.5	Α	0	А
Dut8	2.5	A	0	A

Figure 4-3-23 Output Warning Setting Page Screenshot



Output Off Setting

When the current exceeds the upper limit, the system automatically disconnects the corresponding port to eliminate the risk of device overload. You can also set the output power in batches. Treat the same setup requirements uniformly. After the modification, click the **Save** button to save the settings.

	PDU	IPM-08220		~	Batch Thresh	ould Setting	
Dutput			Current (Off Upper Lin	nit	Current Off	Lower Limit
Dut1			3	A		0	A
Dut2			3	A		0	A
Dut3			3	Α		0	A
Dut4			3	Α		0	A
Dut5			3	Α		0	A
Dut6			3	Α		0	A
Dut7			3	Α		0	A
Dut8			3	А		0	A

Figure 4-3-24 Output Off Setting Page Screenshot

■ Temp & Humidity Warning Setting

The IPM-08220 and IPM-16230 go beyond power management by offering dedicated port for ambient Temperature and Humidity (T/H) sensor (sensor provided with product). When you insert the sensor to Sensor Port of the PDU. You can obtain the ambient temperature and humidity of the PDU surroundings on the homepage of the web interface. You also can set the upper and lower limits of temperature and humidity. When the upper and lower limits of temperature and humidity exceed, the system generates an environmental alarm. After the modification, click the **Save** button to save the settings.



Figure 4-3-25 Home Page for Temperature and Humidity Screenshot



Temp & Humi Wa	Irning Se	tting				
Select Device	IPM-0822	0	~			
Temp Warning Upper Limit	80	°C	Temp Warning Lower Limit	-20.2	°C	
Humi Warning Upper Limit	80	%	Humi Warning Lower Limit	10	%	
		Save				

Figure 4-3-26 Temp & Humidity Warning Setting Page Screenshot



4.4 About

Click the About. The About screen in Figure 4-4-1 appears. You can obtain the network configuration information, name, hardware version information, and device serial number of the PDU.

About			
All Rights Reserved:	Copyright PLANET Technology Corporation		
IP Addr:	192.168.0.10	Device Name:	IPM-08220
Subnet Mask:	255.255.255.0	Device UID:	G023000000010000
Gateway:	192.168.0.1	Hw Version:	v1.11
Primary DNS Server:	8.8.8.8	Sw Version:	v1.20240409
Secondary DNS Server:	168.95.1.1	Product Serial:	SN0001
MAC Address:	A8:F7:E0:C3:FF:A8		

Figure 4-4-1 About Page Screenshot



4.4.1 More Warnings

You can click the **More Warnings** button in the upper part of the main window where there is a System Logs page. System Logs are classified into two types: **System Logs** and **User Operation Logs**. The system logs list is displayed in the pop-up window. You can view the time, type, and description of system logs. You also can click the **Voltage/Current/Environment Warnings** button in the upper part of the main window to review the specified type logs.

System Logs			
īme	Type Select	✓ Read Select ✓ Search	
Time	Event Type	Description	Status
2021-12-29 11:13:23	Input Voltage Warning	Input voltage warning: Below lower limit	Not Read Read
2021-12-29 10:56:34	Input Voltage Warning	Input voltage warning: Below lower limit	Not Read Read
2021-12-29 10:52:06	Input Voltage Warning	Input voltage warning: Below lower limit	Not Read Rea
2021-12-29 10:50:18	Input Voltage Warning	Input voltage warning: Below lower limit	Not Read Rea
2021-12-29 10:48:30	Input Voltage Warning	Input voltage warning: Below lower limit	Not Read Rea
2021-12-29 10:47:19	Input Voltage Warning	Input voltage warning: Below lower limit	Not Read Rea
2021-12-29 10:44:48	Input Voltage Warning	Input voltage warning: Below lower limit	Not Read Read
2021-12-29 10:43:23	Input Voltage Warning	Input voltage warning: Below lower limit	Not Read Rea
2021-12-29 10:41:23	Input Voltage Warning	Input voltage warning: Below lower limit	Not Read Rea

Figure 4-4-2 System Logs Page Screenshot

You can click the log-in user drop-down list in the upper right corner of the window and choose User Operation Logs to display the user Operation Logs window, which displays the log time, user, log description, and accessed IP address.

User Operation Logs			
īme	Search		
Time	User	Description	IP
2021-12-31 09:25:08		A user is modified [.user1]	192.168.0.153
2021-12-31 08:42:48		A user is added [.user1]	192.168.0.153
2021-12-30 16:09:44		A user is modified [.admin]	192.168.0.153
2021-12-30 15:27:42		On [.addr:0]	192.168.0.153
2021-12-30 15:27:42		On [.addr:0]	192.168.0.153
2021-12-30 15:27:23		On [.addr:0]	192.168.0.153
2021-12-29 11:14:12		修改了输入告警设置【.addr:0】	192.168.0.150
2021-12-29 11:13:14		修改了输入告警设置【.addr:0】	192.168.0.150
2021-12-29 10:57:46		Input warning settings are modified [.addr:0]	192.168.0.150

Figure 4-4-3 User Operation Logs Page Screenshot



Appendix A: Safety Instructions

General

- This product is for indoor use only.
- Read all of these instructions. Save them for future reference.
- Follow all warnings and instructions marked on the device.
- Do not place the device on any unstable surface (cart, stand, table, etc.). If the device falls, serious damage will result.
- Do not use the device near water.
- Do not place the device near or over radiators or heat registers.
- The device cabinet is provided with slots and openings to allow for adequate ventilation. To ensure reliable operation, and to protect against overheating, these openings must never be blocked or covered.
- The device should never be placed on a soft surface (bed, sofa, rug, etc.) as this will block its ventilation openings. Likewise, the device should not be placed in a built-in enclosure unless adequate ventilation has been provided.
- Never spill liquid of any kind on the device.
- Unplug the device from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
- The device should be operated from the type of power source indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- This equipment is designed to be equipped with 100- 230V alternating IT power distribution system.
- To prevent damage to your installation, it is important that all devices are properly grounded.
- The device is equipped with a 3-wire grounding type plug. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not attempt to defeat the purpose of the grounding-type plug. Always follow your local/national wiring codes.
- Do not allow anything to rest on the power cord or cables. Route the power cord and cables so that they cannot be stepped on or tripped over.
- To help protect your system from sudden, transient increases and decreases in electrical power, use a surge suppressor, line conditioner, or uninterruptible power supply (UPS).
- Position system cables and power cables carefully; Be sure that nothing rests on any cables.
- When connecting or disconnecting power to hot pluggable power supplies, observe the following guidelines:
- Install the power supply before connecting the power cable to the power supply.
- Unplug the power cable before removing the power supply.



- If the system has multiple sources of power, disconnect power from the system by unplugging all power cables from the power supplies.
- Never push objects of any kind into or through cabinet slots. They may touch dangerous voltage points or short out parts resulting in a risk of fire or electrical shock.
- Do not attempt to service the device yourself. Refer all servicing to qualified service personnel.
- If the following conditions occur, unplug the device from the wall outlet and bring it to qualified service personnel for repair.
- The power cord or plug has become damaged or frayed.
- Liquid has been spilled into the device.
- The device has been exposed to rain or water.
- The device has been dropped, or the cabinet has been damaged.
- The device exhibits a distinct change in performance, indicating a need for service.
- The device does not operate normally when the operating instructions are followed.
- Only adjust those controls that are covered in the operating instructions.
- Improper adjustment of other controls may result in damage that will require extensive work by a qualified technician to repair.

Rack Mounting

- When extending the device out of the rack, ensure that the rack is smooth and stable.
- Do not overload the AC branches that supply power to the frame; the carrying capacity of the whole frame should not exceed 80 percent of the power of the branch.
- Make sure that all equipment used on the rack including power strips and other electrical connectors is properly grounded.
- Ensure that proper airflow is provided to devices in the rack.
- Ensure that the operating ambient temperature of the rack environment does not exceed the maximum ambient temperature specified for the equipment by the manufacturer
- Do not step on or stand on any device when servicing other devices in a rack.

The Eco PDU's Main Power Cord

- Please use the power cord attached to this package. If it is necessary to replace the power cord attached to this package with another power cord,
- Please confirm that the power cable must meet at least the cable standards attached to this package.



Appendix B: IP Address Determination

If you are an administrator and log in for the first time, you must connect the switcher to assign an IP address for user access. The PDU device provides the means that, in each case, your computer must be on the same network segment as the switch. When you are connected and logged in, you can assign a fixed network address to the device.

Specific methods are as follows:

- Set the IP address of your PC to 192.168.0.xxx. Here XXX represents any number other than 10. (192.168.0.10 is the default address of switch)
- 2. In the network address column of your browser, enter the recognized IP address of the switch you want to connect to 192.168.0.10.
- 3. When you are connected and logged in, assign a set of fixed IP addresses corresponding to its Network segment to the device (see Network Setting).
- 4. After you are logged out, be sure to reset your computer IP address back to the original value.
- 5. Once you are logged in, please go to the Network Settings page to set up a temporary IP environment.