IP-based 8-port Switched Power Manager

Fulfilling Your Power Requirements with IP-enabled Power Outlets

PLANET IPM-8222 8-port IP Power Management (IPM) device is designed to efficiently handle power distribution for a versatile array of connected devices. By leveraging IP-based technology, it transforms conventional power management equipment into manageable network devices, enabling IT staff to remotely monitor and control powered devices (PDs) with ease.

Centralized Management for Efficient Operation

The PLANET IPM-8222 can be monitored via web interface and SNMP, allowing administrators to remotely manage connected equipment and streamline daily operations. With its user-friendly management functions, IT staff can efficiently oversee device status and perform power control without the need for on-site intervention.

Intelligent Power Management

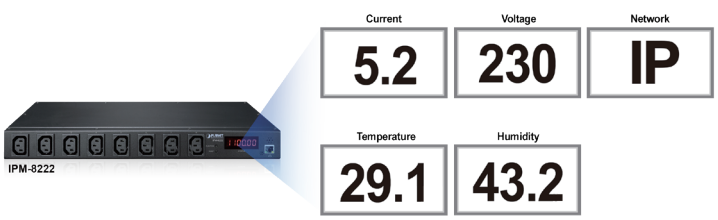
The IPM-8222 features 8 customizable power outlets that can be operated independently. Users can monitor and control power usage via web interface or LED display panel, enabling efficient management of multiple networking devices while reducing maintenance time and operational effort.

Independent Outlet Control

Real-time Current Monitoring

The built-in LED display panel displays the aggregate current drawn from the power outlets. This helps installers and administrators quickly identify abnormal power usage and prevent overload conditions, ensuring stable operation of connected equipment.

LED Display Panel



Hardware

- 1U rack-mount size design
- IEC outlet models
- 8 power outlets that support real-time current monitoring
- LED display panel displays current, voltage, energy and network information
- Optional button lock function to prevent unauthorized operation
- Circuit breaker can avoid damage caused by overload
- LED display to visually present the operating status of ports and PDU
- Each PDU can supply a maximum load of 3800W
- Built-in temperature monitoring for environmental awareness

Power Distribution

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

Remote Access

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

Management

- Network protocols: TCP/IP, UDP, HTTP/HTTPS (TLS 1.2), NTP, DHCP, Ping
- Event notification via pop-up message or e-mail
- SNMP support with available MIB files
- Outlet naming support for easier management
- Voltage, current, wattage and total kWh reporting
- Configurable over-current protection per outlet
- Activity log for system monitoring
- PDU energy usage statistics
- Zero meter clearing function

Scheduled Power On/Off

The IP-based Switched Power Manager allows users to define power schedules for connected devices. It provides advance control of power cycling, helping improve operational efficiency and enabling planned maintenance without manual intervention.

- Firmware upgrade via network
- Multiple language support
- Displays current and voltage alarms on the web interface with historical records
- PLANET's Universal Network Management System and Smart Discovery Utility to remotely monitor all operational status of connected PDUs.

Security

- Dynamic password verification enhances login security
- Multi-level user access (Administrator / Operator / Visitor)
- IP filtering to prevent unauthorized access

Enhanced Overload Protection

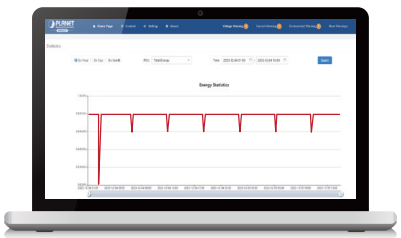
Equipped with a built-in circuit breaker and reset switch, the IPM-8222 ensures stable and safe power distribution. The 16-amp circuit breaker protects connected equipment from damage caused by overload, improving overall system reliability.

Ensure Stable and Safe Power Distribution

Integrated Environmental Monitoring

The IPM-8222 includes built-in temperature monitoring capability, allowing users to observe environmental conditions directly without requiring external sensors. This helps maintain optimal operating conditions and enhances equipment protection.

Real-time Energy Monitoring
Monitor Power Usage and Optimize Energy Efficiency



Efficient Energy Management

Through its configuration interface, the IPM-8222 enables users to monitor power consumption in real time. This allows better control of energy usage and supports cost-effective operation in network environments.

Applications

Remote Management via Network

PLANET Switched IPM consolidates power control, current monitoring, web-based management, e-mail notification, and SNMP functions into a single device. The IPM-8222 enables technical staff to remotely monitor and control connected equipment through the network, allowing rapid response to abnormal conditions and reducing the need for on-site maintenance.

Simplified Power Control for IT Equipment

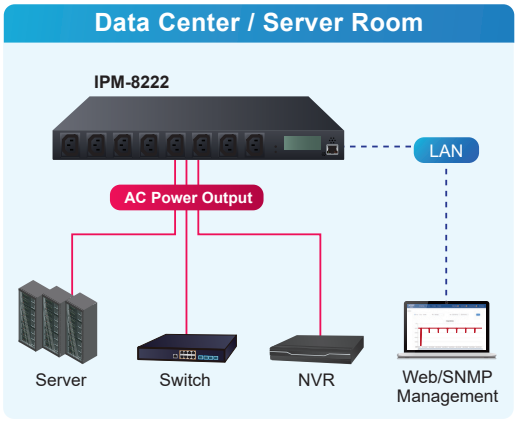
The IPM-8222 provides an efficient solution for managing power in network cabinets, server rooms, and edge installations. With independently controlled outlets, administrators can remotely reboot devices such as switches, routers, and IP cameras, minimizing downtime and improving system availability.

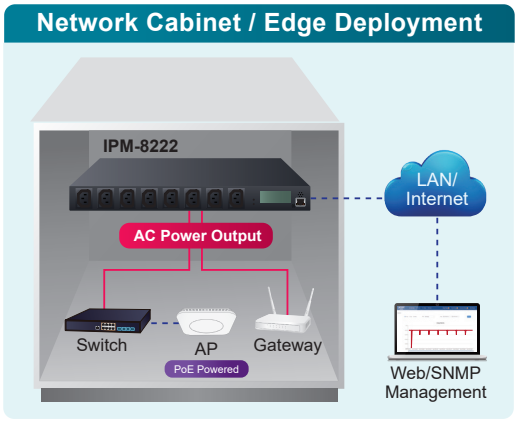
Built-in Environmental Monitoring

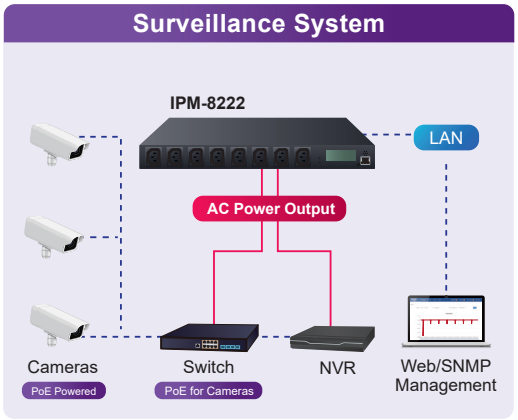
With integrated temperature monitoring, the IPM-8222 allows users to observe environmental conditions without additional sensors. This helps ensure that equipment operates within a safe temperature range and reduces the risk of overheating in enclosed spaces such as racks or cabinets.

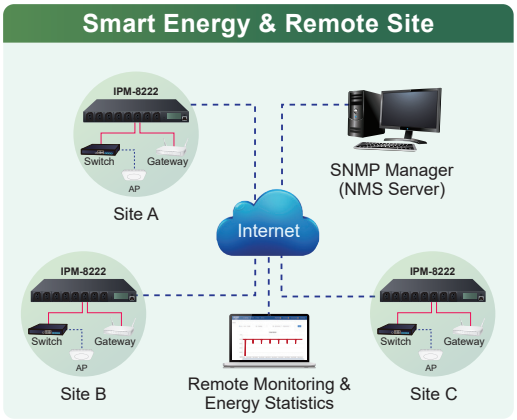
Energy-saving and Cost-effective Operation

By providing real-time power consumption monitoring and scheduled power control, the IPM-8222 helps organizations optimize energy usage. This contributes to lower electricity costs and more efficient operation of network infrastructure.









Specifications

Product		IPM-8222	
Hardware Specifications			
Outlet Power Port		8	
Inlet Power Port		1	
Network Connector		1 RJ45 port for 10/100BASE-TX	
Sensor Function		Embedded temperature and humidity sensor	
Button		1 x Function Button 1 x Reset Button Press over 10 seconds to reset the device to factory default	
LED	State of the socket / Power	LED Displays	
	10/100M	1 (Green/Orange)	
LED Display Panel		Displays voltage, current, temperature, humidity and IP address	
Housing		Metal	
Dimensions (W x D x H)		442 x 159 x 44.5mm	
Weight		1.9kg	
Installation		1U rack-mountable, desktop	
Breaker		1 x 16A	
Surge Protection		Surge Protection (IEC 61000-4-5) 1kV (Line-to-Line) 2kV (Line-to-Ground)	
Power Distribution			
Power		Inlet	Outlet
Voltage		100~240V	
Frequency		50~60Hz	
Connection		1 x IEC320 C20	8 x IEC320 C13
Maximum Current		16A (total)	10A per outlet
Management			
User Account		Administrator / Operator / Visitor	
Management / Monitor Utility		Web browser, SNMP PLANET Smart Discovery Utility	
Security		IP filter	
Standards Conformance			
Computer Interface		IEEE 802.3 10BASE-T IEEE 802.3u 10/100BASE-TX	
Regulatory Compliance		CE, FCC	
Environments			
Operating Temperature		0 ~ 60 degrees C	
Operating Humidity		0 ~ 90%	

Ordering Information

IPM-8222	IP-based 8-port Switched Power Manager

Related Products

IPM-8221	IP-based 8-port Switched Power Manager with 2 Cascaded Ports
IPM-08220	Vertical IP-based 8-port Switched Power Manager with 2 Cascaded Ports
IPM-16230	Vertical IP-based 16-port Switched Power Manager with 2 Cascaded Ports

PLANET Technology Corporation

11F., No.96, Minquan Rd., Xindian Dist., New Taipei City 231, Taiwan (R.O.C.)
Tel: 886-2-2219-9518 Fax: 886-2-2219-9528
Email: sales@planet.com.tw www.planet.com.tw