

IP-based 16-port Metered Power Distribution Unit

IPM-16120



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Presentation Outlines

- ◆ Product Positioning
- ◆ **Product Overview**
- ◆ Product Features
- ◆ **Product Applications**
- ◆ Product Comparison

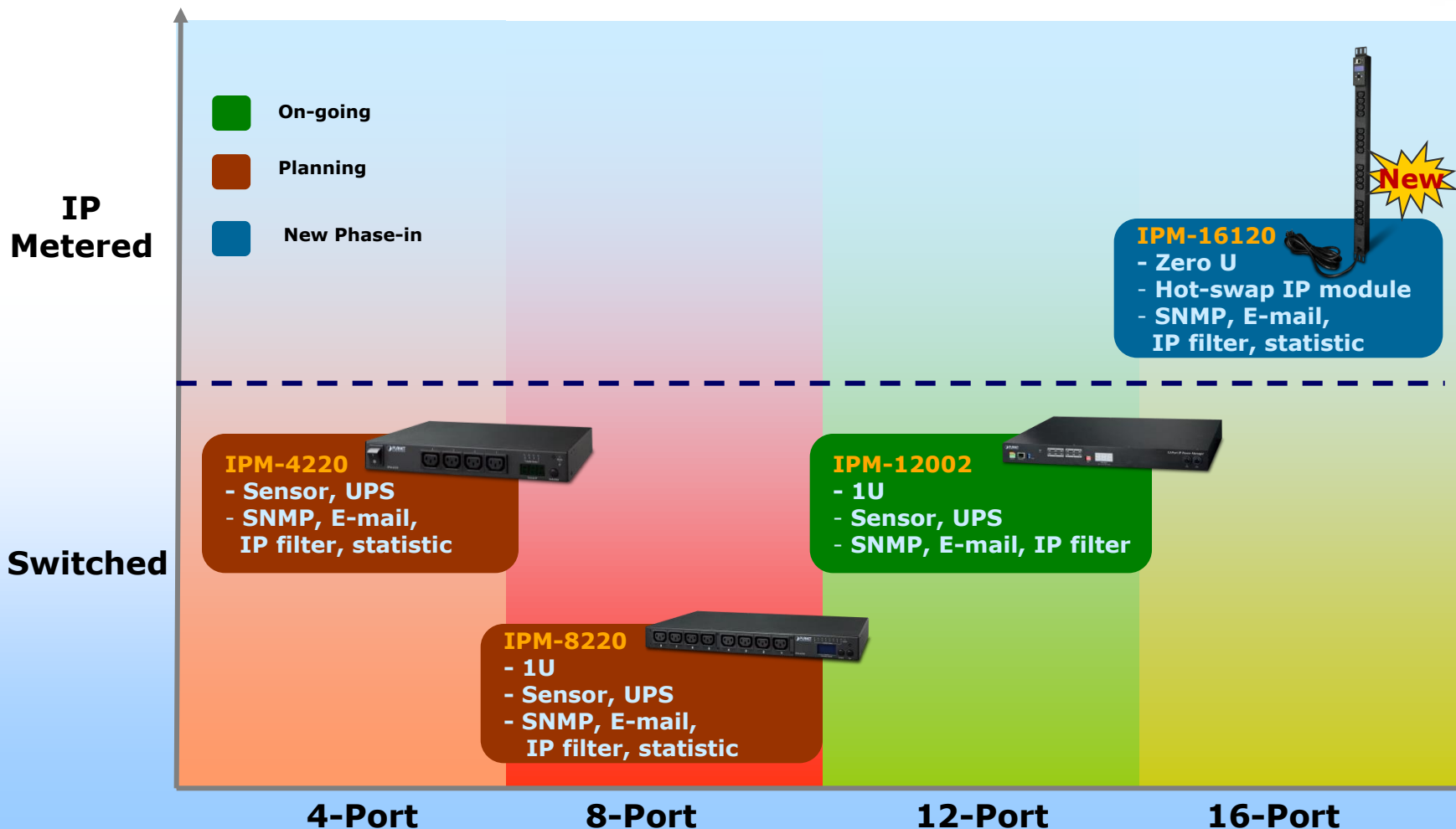


Product Positioning



Product Positioning

◆ PLANET IP Power Management Family

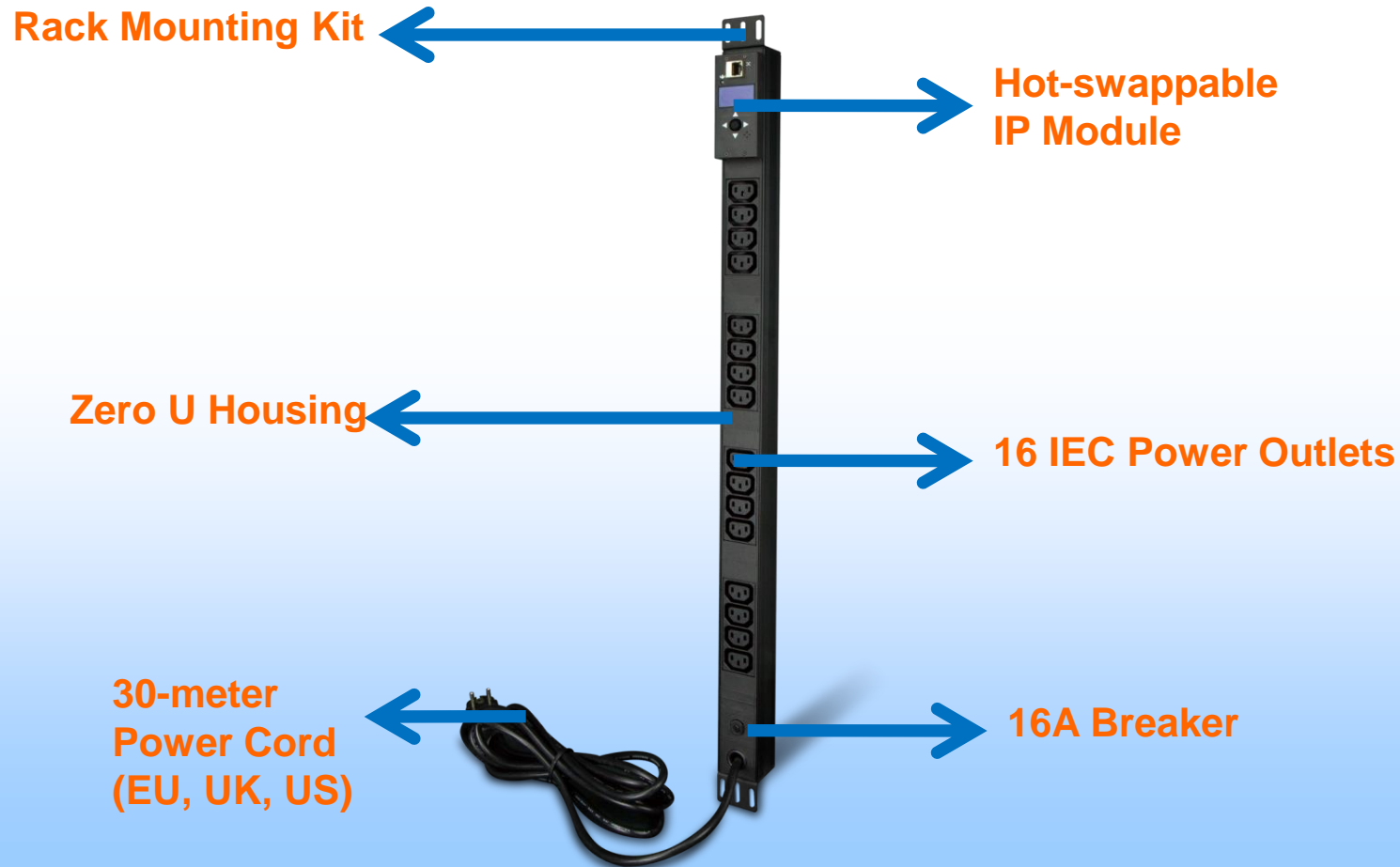


Product Overview



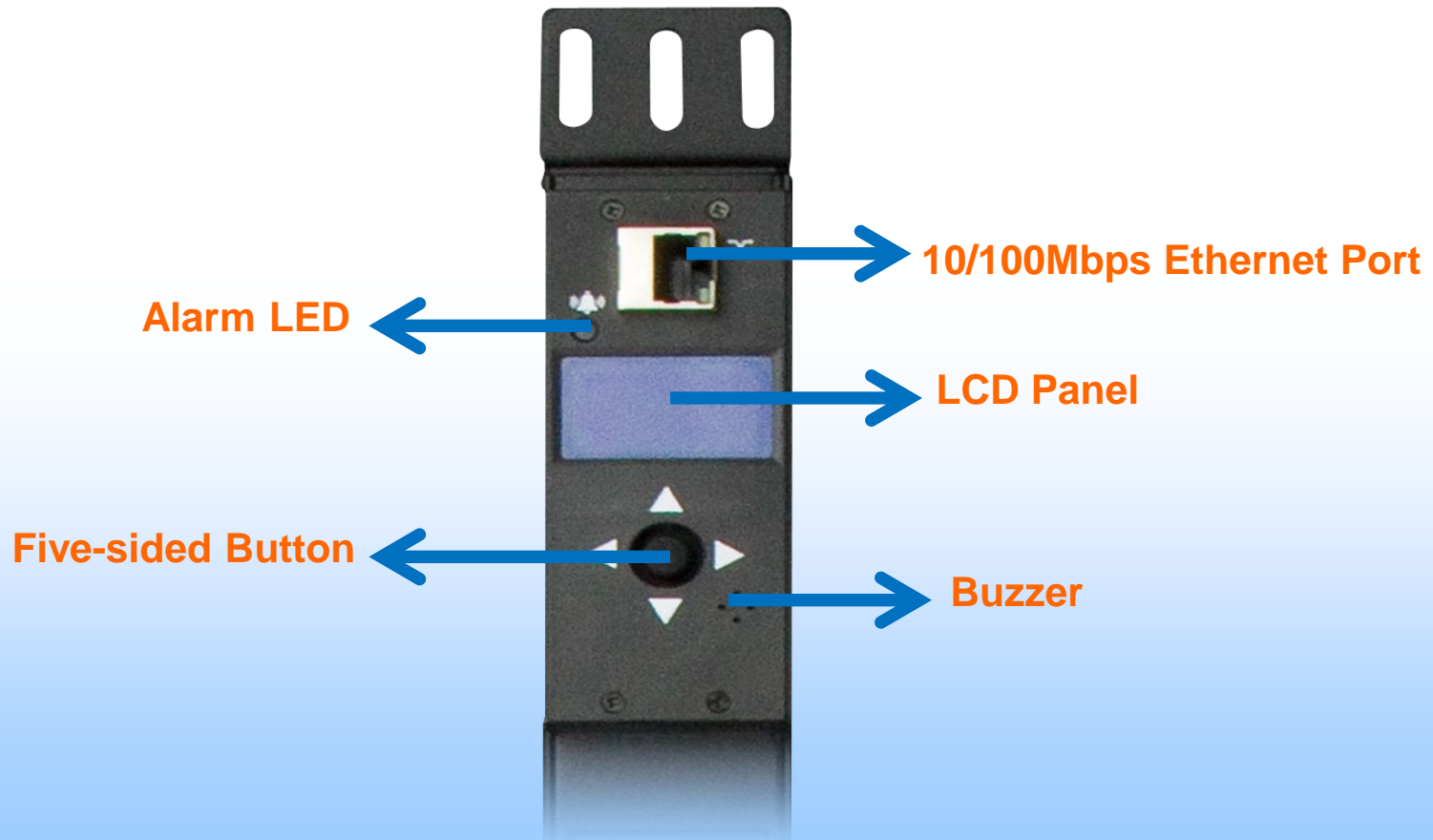
Product Overview

◆ IP PDU Front View



Product Overview

◆ Hot-swappable IP Module Front View



Product Features



Product Features

◆ Hardware

- ✓ **Zero U** rack-mount design
- ✓ **IEC** outlet model
- ✓ **16 power outlets** that support real-time image monitoring
- ✓ **10ft (3m)** power cord
- ✓ **Hot-swappable IP-module** without power shutdown
- ✓ LCD panel displays **current, max. alarm, device temperature and network information**

Product Features – **Zero U**

◆ Vertical Mounting

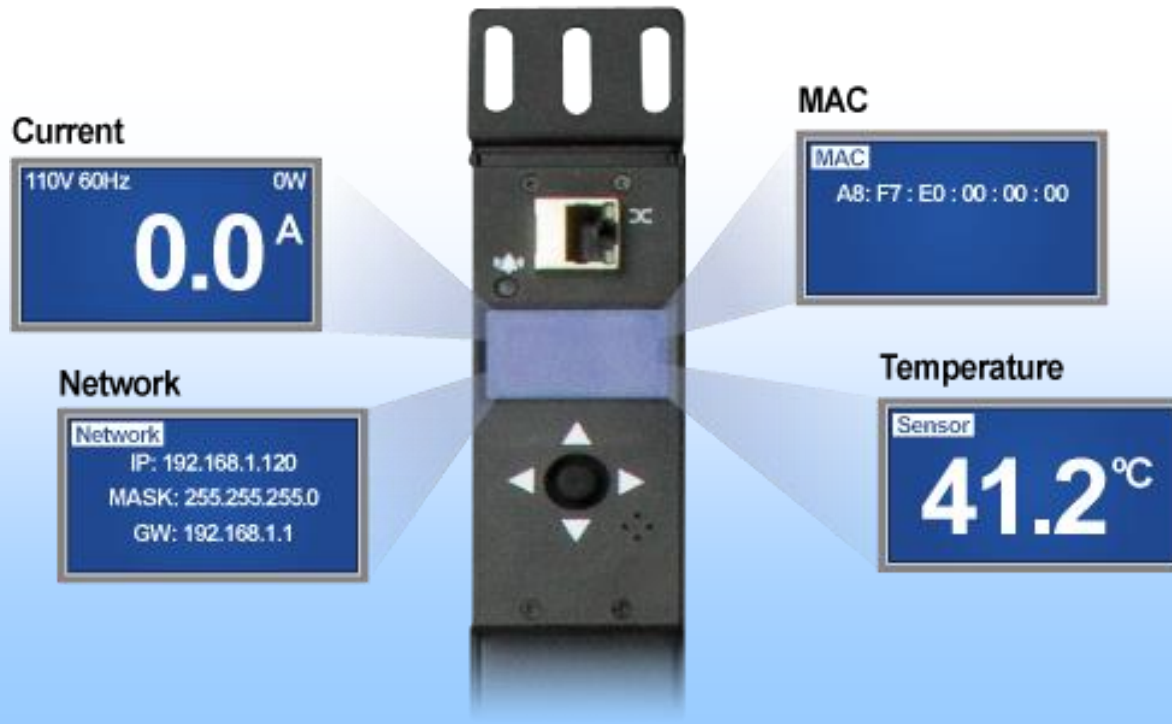
- ✓ By using the IPM-16120, any device can be easily mounted vertically in racks or enclosures and occupies **zero U** of valuable rack space, which allows more equipment to be placed in the rack.



Product Features – *LCD Display*

◆ Electric Current Monitored on Display

- ✓ The local **digital display** helps installers avoid overloaded circuits by providing a visible warning when the current draw is close to the maximum amperage draw of the strip.



Product Features

◆ Power Distribution

- ✓ Maximum Amps/Inlet: **IEC 16A for 1 inlet**
- ✓ Maximum Amps for 16 Outlets: **IEC 16A for 16 outlets**
- ✓ Full Frequency Range: 50~60Hz

◆ Remote Access

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

Product Features – *Remote Management*

◆ Remote Management Capabilities

- ✓ Full-featured network management interfaces of the IPM-16120 provide standards-based management via **Web**, **SNMP** and **Telnet**.



Product Features

◆ Management

- ✓ Provides **Install Wizard** to ease users' setting of parameters
- ✓ Events notification by sending pop-up message, trap or e-mail
- ✓ Supports Management Information Base (MIB) files for **SNMP**
- ✓ 24-hour power consumption and device temperature monitoring
- ✓ Sets over-current watchdog for power outlet

Product Features – *Overload Protection*

◆ Overload Protection

- ✓ The IPM-16120 features a built-in **16-amp** circuit breaker that can safely reset switch to prevent dangerous circuit overloads from damaging equipment to ensure dependable performance of vital equipment.



Product Features – *Statistic*

◆ Energy and Cost Saving

- ✓ You can also check the current energy consumption in your office within the configuration interface of the IPM-16120. It helps you reduce energy consumption, thus saving expenses on utilities.

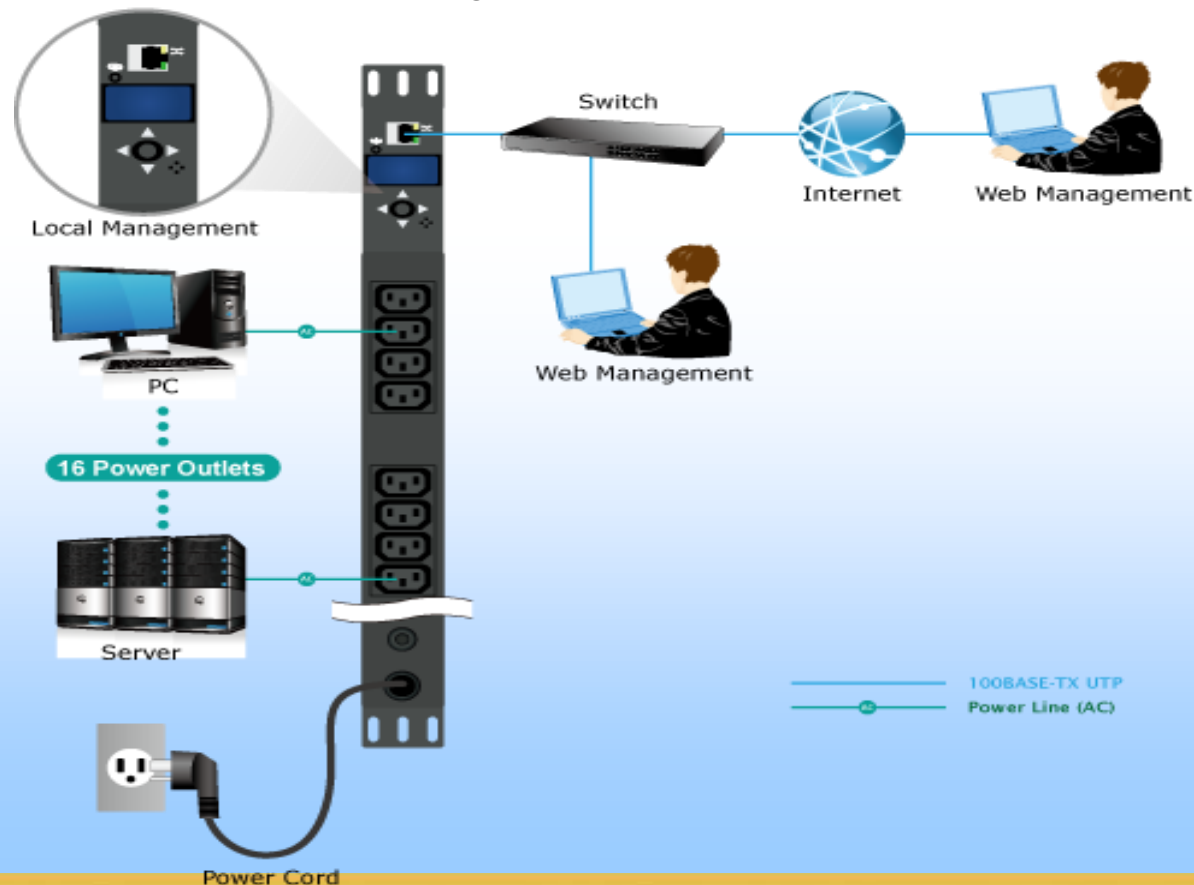


Product Applications



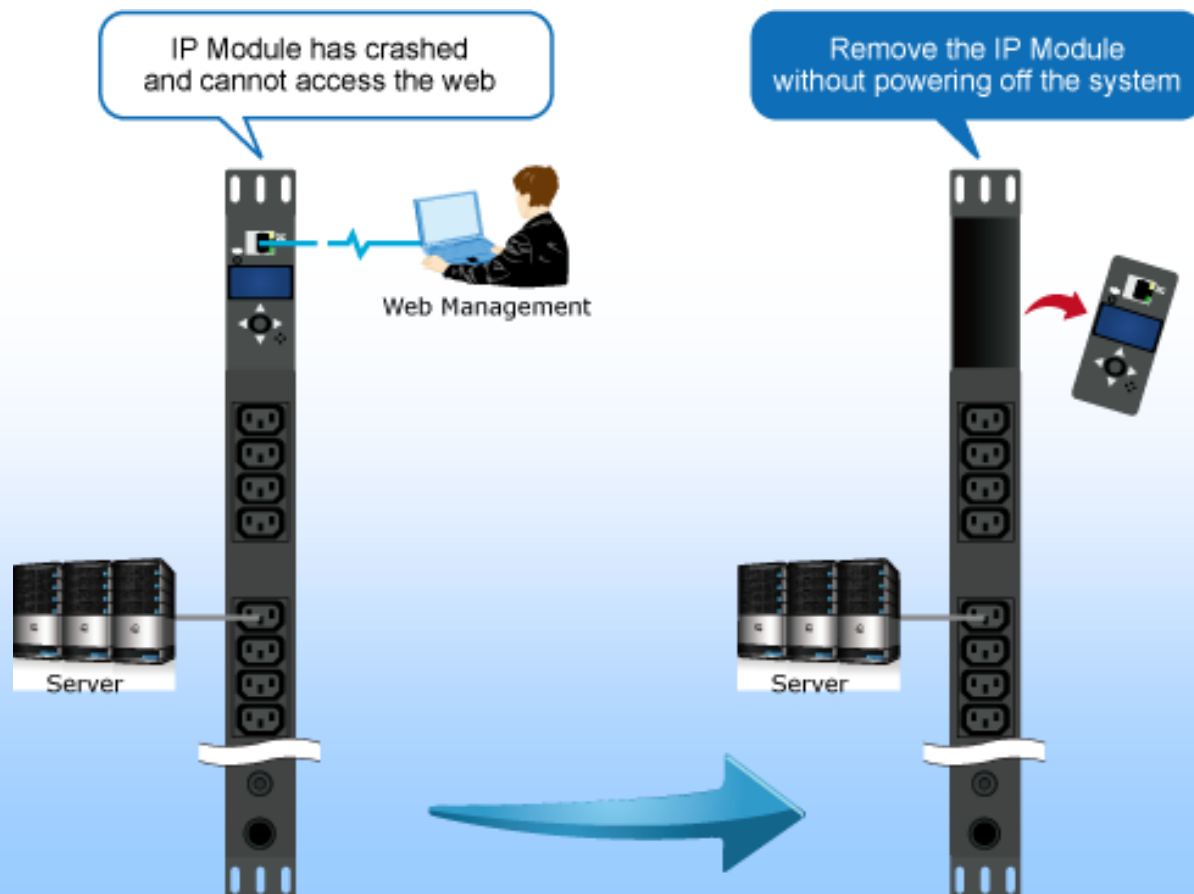
IP Power Management Application

- ✓ The IPM-16120 IP Metered PDU consolidates current monitoring, device temperature monitoring, web page management, message, e-mail, and SNMP functions together to enable MIS staff to be informed and thereby to remotely deal with the relevant problems through Internet.






IP Power Management Application

- ✓ IP modules can be 'hot swapped' into the IPM-16120 at any time after initial installation. It reduces installation time and equipment downtime, and extends the usable lifetime of the power strip unit itself.



Product Comparison

Model	IPM-16120	APC AP7850	ATEN PE5216A
			
Power Outlet	16	16	16
Rating	100–240V~; 50/60Hz; 16A	200–250V~; 50/60Hz; 10A	100–240V~; 50/60Hz; 16A
Sensor Support	-	-	■
Hot-swap IP Module	■	-	-
Firewall	IP, MAC filter	-	IP, MAC filter
SMS	■	-	-
Email Notification	■	■	■
Overload Protection	■	■	■
Chart Statistics	■	-	-

PLANET IPM Product Comparison

Model	IPM-16120	IPM-4220/8220 (Coming soon)
Features		
Hardware		
Type	IP Metered (Always ON)	Switched (ON/OFF)
Rack Mounting	Zero U	1U
Power Outlet	16	4/8
Rating	100–240V~; 50/60Hz; 16A	100–240V~; 50/60Hz; 16A
LCD Display	Current, device temperature, IP	Voltage, current, watt, frequency, IP
Hot-swap IP Module	■	-
Management		
Management Interface	Web, SNMP, Telnet	Web, SNMP, Telnet, console
Firewall	IP, MAC filter	IP, MAC filter
Schedule Power Control	-	■
Email Notification	■	■
Overload Protection	■	■
Chart Statistics	■	■

Appendix - Sales Target

◆ Target Markets

- ✓ System Integrators
- ✓ Resellers








◆ Profitable Products

- ✓ The following are potential to all customers:
 - IP Power Manager
 - KVM
 - PoE Switch
 - IP PBX



Appendix

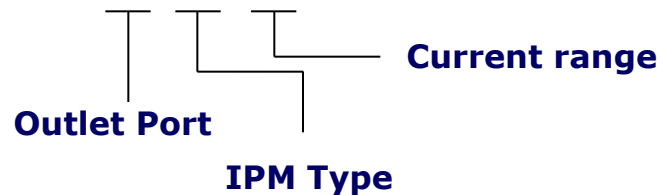
◆ Related Products

Model Name		Description
IPM-4220		IP-based 4-port Switched Power Manager (Coming soon)
IPM-8220		IP-based 8-port Switched Power Manager (Coming soon)
IPX-2500		Internet Telephony PBX System
UPOE-1600G		16-Port Gigabit 60W Ultra PoE Managed Injector Hub
GS-4210-24UP4C		24-Port 10/100/1000T Ultra PoE + 4-Port Gigabit TP/SFP Combo Managed Switch

Appendix

◆ IP Power Manager Naming Rule

IPM-16120



Outlet Port

- 04: 4-Port
- 08: 8-Port
- 12: 12-Port
- 16: 16-Port

Current Range

- 0: Non-A
- 1: 10A~15A
- 2: 16A~20A
- 3: 30A~35A

IPM Type

- 1: IP Metered PDU
- 2: Switched PDU



ACTIVATING IP POWER