

IP-based 16-port Metered Power Distribution Unit



High Voltage Power Distribution Unit (PDU) with Digital Load Meter

PLANET IPM-16120 is a 16-port IP Power Management device that provides premium power protection for your professional workstations and connected devices. With the innovative IP-based technology, PLANET has made the traditional power management equipment into true networking devices.



Hardware

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

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)

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

Security

- Web page supports 1024-bit SSL security encryption transmission
- Supports Secure Socket Layer V3 and Secure Shell V1 protocols
- Administrator and multiple users with password protection for double-layer security
- IP Filtering – Address-specific IP security masks to prevent unauthorized access

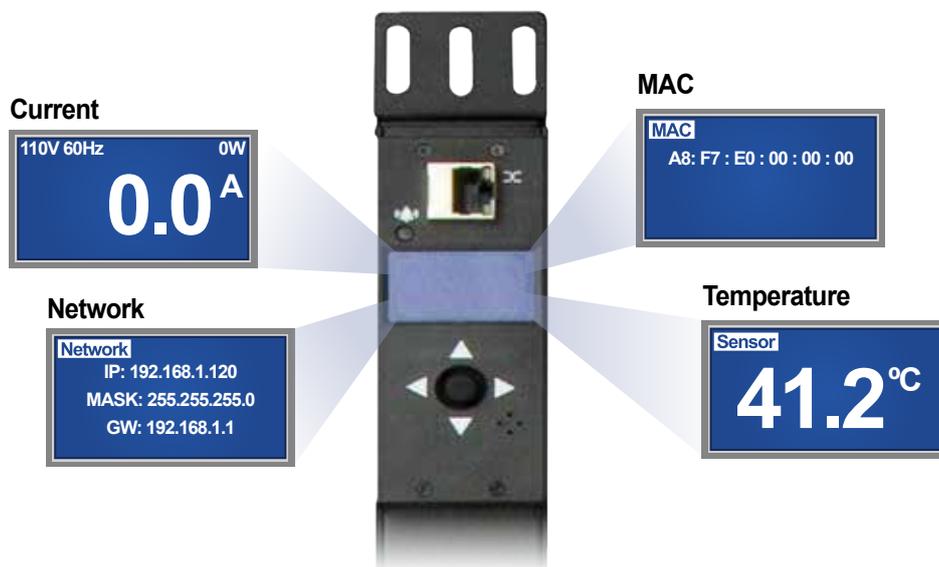
Vertical Mounting

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 in the rack.



Electric Current Monitored on Display

The aggregate current draw per rack PDU is displayed on the unit via a digital 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.



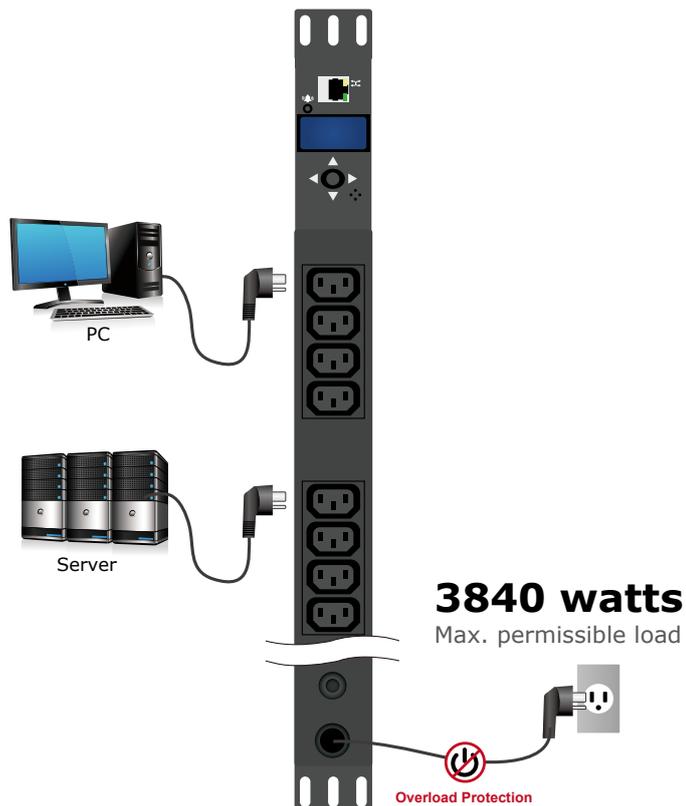
Remote Management Capabilities

Full-featured network management interfaces of the IPM-16120 provide standards-based management via Web, SNMP and Telnet. They allow users to access, configure, and manage units from remote locations to save valuable time.



Overload Protection

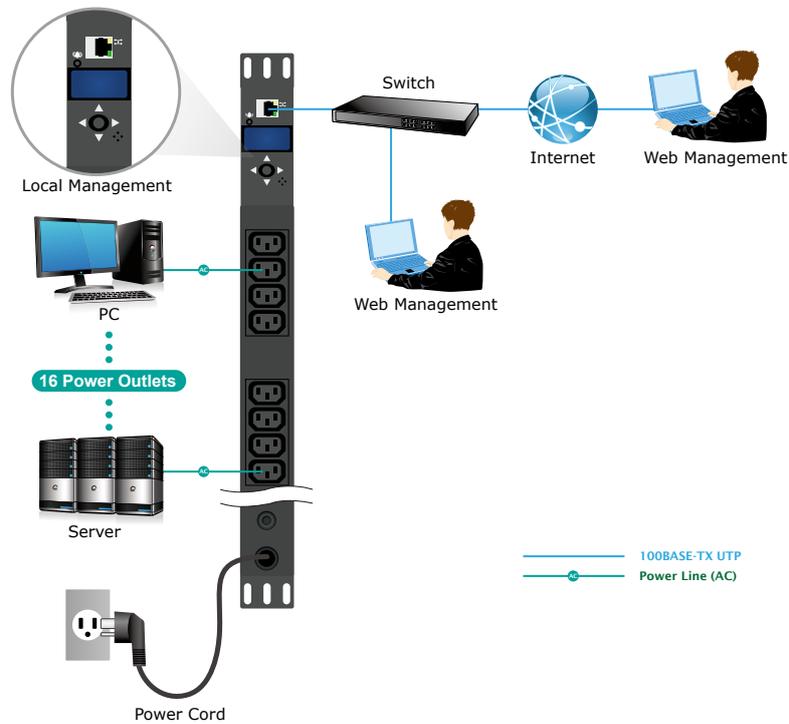
The IPM-16120 features a built-in 16-amp circuit breaker and reset switch to prevent dangerous circuit overloads that could damage equipment as well as ensure dependable performance of vital equipment.



Applications

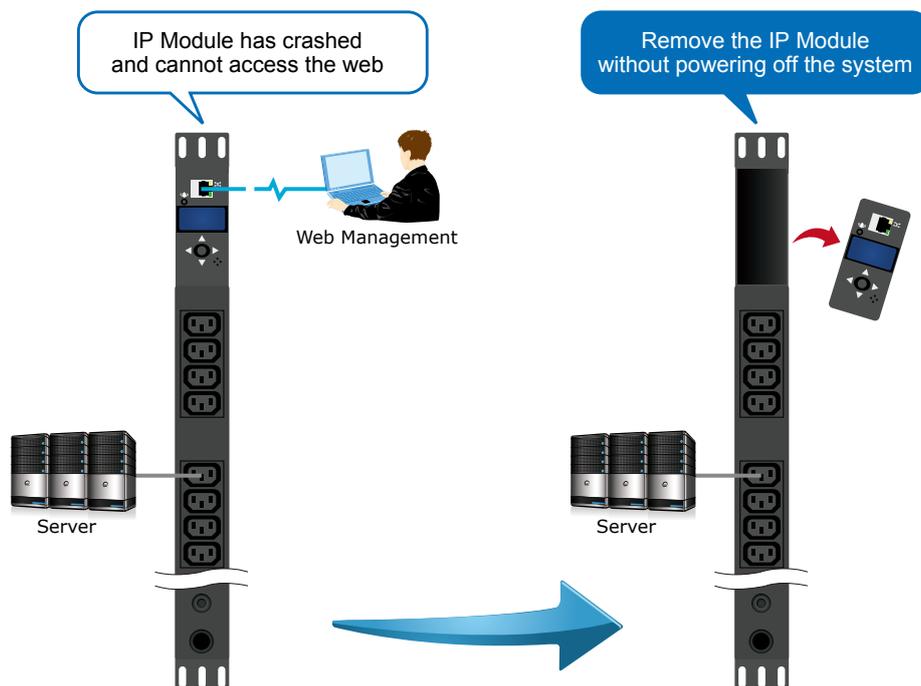
Remote Management via Network

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.



Hot-swap IP Module

To add to the flexibility of product choice and configuration, IP modules can be 'hot swapped' into the IPM-16120 at any time after initial installation. It reduces installation time, equipment down time, and extends the usable lifetime of the power strip unit itself.



Specifications

Product	IPM-16120		
Hardware Specifications			
Outlet Power Port	16		
Inlet Power Port	1		
Buzzer	1		
Breaker	1 x 16A		
Network Connector	1 x RJ45 port for 10/100 BASE-TX		
Button	Navigation button		
LED	Alarm Lights remaining lit: Alarm has occurred Slow flashing: There was current overloading		
Dimensions (W x D x H)	748 x 43 x 43 mm		
Weight	1.7kg		
Installation	Zero U		
Power Distribution			
	Inlet Power	Outlet Power	
Voltage	100~240V		
Frequency	50~60Hz		
Connection	1 x IEC320 C20	16 x IEC320 C13	
Maximum Current	16A		
Maximum Line Current	-	10A	
Cord Length	3 meters	-	
Plug Type	EU, US ,UK	-	
Management			
User Account	General/Manage/Administrator		
Management Utility	Web browser, SNMP software, Windows base utility, Telnet		
Security	IP filter/MAC filter/Secure 128-bit SSL encryption		
Standards Conformance			
Computer Interface	IEEE 802.3 10BASE-T IEEE 802.3u 10/100BASE-TX		
Regulatory Compliance	CE, FCC		
System Unit			
Operating Temperature	-5 ~ 45 degrees C		
Operating Humidity	5 ~ 95%		
Operating Altitude	0 ~ 4500 meters		

Ordering Information

IPM-16120-EU	IP-based 16-port Metered Power Distribution Unit (AC 100-240V, 16A max.)
IPM-16120-UK	IP-based 16-port Metered Power Distribution Unit (AC 100-240V, 16A max.)
IPM-16120-US	IP-based 16-port Metered Power Distribution Unit (AC 100-240V, 16A max.)

Related Products

IPM-4220	IP-based 4-port Switched Power Manager (AC 100-240V, 16A max.)
IPM-8220	IP-based 8-port Switched Power Manager (AC 100-240V, 16A max.)