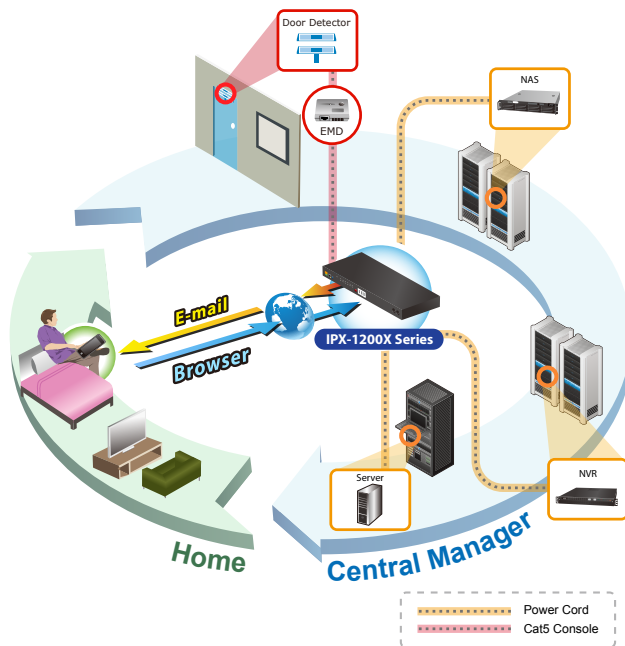


12-Port IP Power Manager



Remotely reboot anything from anywhere

PLANET is glad to introduce 12-Port IP Power Management device. The IPM-1200x Series provides the useful function of managing power for any combination to connect with itself. With the innovative IP-based technology, PLANET has made the traditional power management equipment into true networking devices.



Intelligent Power Management

Coming with 12 power outlets, each of them can be controlled or monitored individual. You can control those power outlets via the console or web interfaces. You can also use the front panel to operate the power outlets. Provides 7-Segment LED and port status indicators, users can know easily the status of the IPM-1200x Series immediately, without login configure interface.

Easy Maintenance and Configuration

In addition to manual remote control, the IPM-1200x Series provides event-triggered or schedule-based control to turn connected equipment on or off or to reboot systems. The IPM-1200x Series is easily configured with its Plug-and-Play ability. The IPM-1200x Series keeps a detailed log off all connected devices so that in case of severe errors from some devices, the status or failures can easily be solved.

Hardware

- 19" rack mount 1U size design
- Cascade controls up to 72 outlets from Daisy-chaining port
- 12 LEDs shows power status of each power outlet
- 7 segment LEDs shows current, voltage or frequency, error code and the number of Daisy-chaining
- 12 power outlets can be turned on or off in multiple ways and with easy monitoring of current consumption
- Activate extended devices via digital outputs
- Versatile sensors supported through EMD (Environmental Monitoring Device) inputs

Power Distribution

- Maximum Amps/Inlet: IEC 20A / 1 inlet (IPM-12001)
- Maximum Amps/Inlet: IEC 16A / 1 inlet (IPM-12002)
- Maximum Amps/Outlet: IEC 10A / 12 outlets
- Supports multiple power control methods: Wake on LAN, System After AC Back, Kill the Power

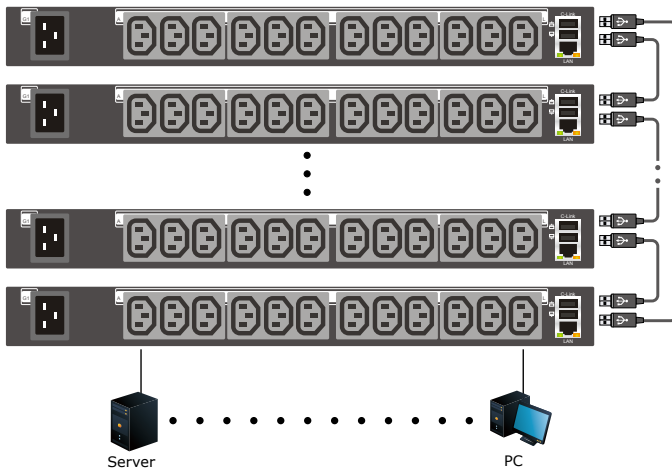
Remote Access

- Remote power control via TCP/IP and a built-in 10/100Mbps Ethernet port
- Comprehensive power management and flexible configuration through web browser, NMS, Telnet, SNMP, or HyperTerminal (console)
- Multi browsers support (IE, Google, Firefox, Safari, Opera, Netscape)

Cascade controls up to 6 IPM from single console

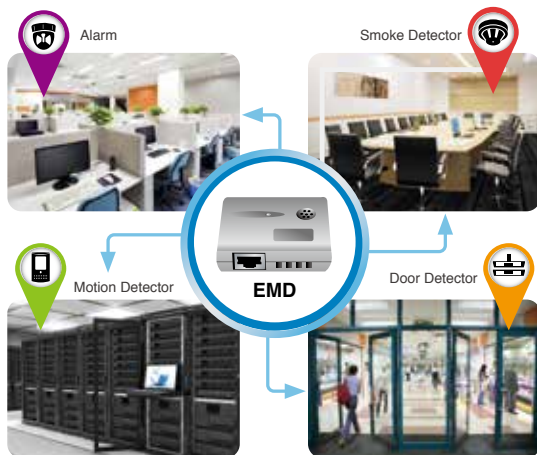
The IPM-1200x Series can be daisy-chained to manage even more devices, so your server room management can expand in step with your company's growth. For ease of management, this allows IT administrators to completely control an IT device from a single user interface.

Up to 6 IPMs can be Daisy-Chained



EMD (Environmental Monitoring Device)

The IPM-1200x Series has equipped with a console port for connecting an EMD (Environmental Monitoring Device) for sensing temperature and humidity along with two alarms that can be activated when the sensors show unusual values. The IPM-1200x Series is provided two digital outputs for connecting status indicators or digital switches. When users creating a new server room or the environment had been monitoring, The IPM-1200x Series is the best choice for fit the requirement.



EMD (Environmental Monitoring Device)

Management

- To calculate the power consumption on hourly basis, and have an accumulation of daily
- Provides detail data-logging for statistical analysis and diagnostic, then auto e-mails daily history report
- Events notification by pop-up, sending trap or e-mail
- Sets over-current watchdog for each outlet
- Power-on sequencing - Intelligently turn on/off devices based on event occurrence or planned schedule
- Supports Management Information Base (MIB) files for SNMP
- Upgrade utility for easy firmware upgrade

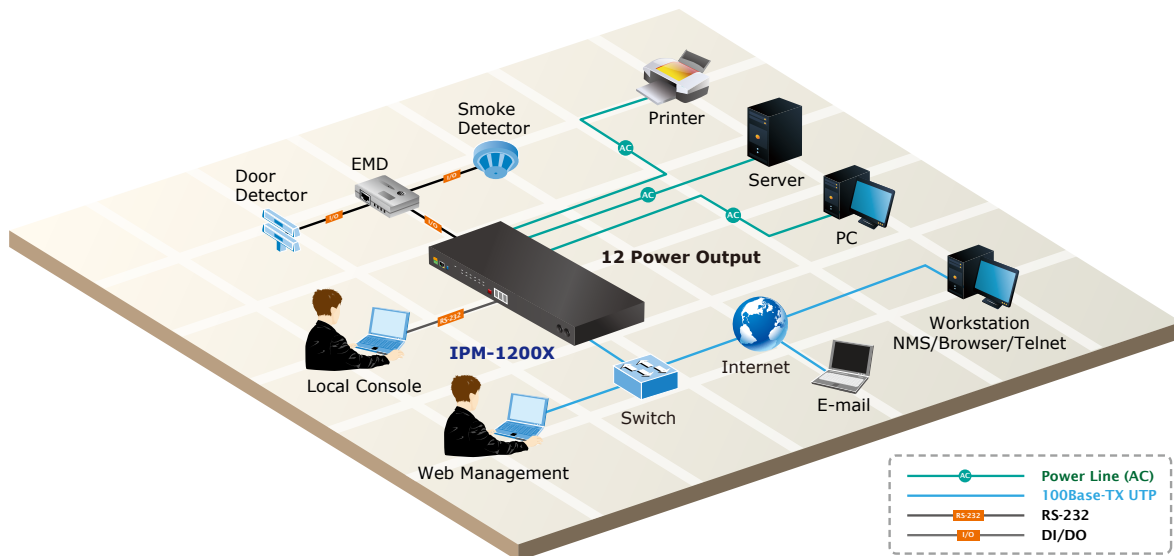
Security

- Support Secure Socket Layer V3 and Secure Shell V1 protocols
- Administrator and multiple users with password protection for double-layer security
- IP Filter - Address-specific IP security masks to prevent unauthorized access

Application

Remote management via network

With PLANET IP power management device, users can control and monitor a server room locally or remotely through Internet. When EMD attached, the IPM-1200x Series can be also the environment condition; meanwhile, users can monitor the status of special environment for security and safety issue. PLANET IPM-1200x Series is not only monitoring and managing power consumption, but also useful applications for your life.



Specification

Product	12-Port IP Power Manager	
Model	IPM-12001	IPM-12002
Hardware Specification		
Output Power Port	12	
Input Power Port	1	
Network Connector	1 x RJ-45 port for 10/100Base-TX	
Console Port	1 x RS-232 RJ-45 serial port	
Digital Output	2	
Daisy chaining Port	2 x USB 2.0	
Daisy chaining mode	Auto / Manual	
Button	Reset	
LED	Output Power: ON / OFF Input status indicator : Volts / Amps / Hz / Error code and daisy chained IPM	
Power Distribution		
AC Input	100~125V, 20A, 50~60Hz	200~240V, 16A, 50~60Hz
AC Output	100~125V, 50~60Hz	200~240V, 50~60Hz
Load	Max. 10Amp each outlet or Max. 10Amp total for Outlet A~C. Same as D~F, G~I, J~L	
Inlet Connector	1 x IEC320 C20	
Outlet Connector	12 x IEC320 C13	
Management		
User Account	10	
Management Utility	Web Browser, SNMP software, Windows base utility, Telnet, Hyper Terminal (via console)	
Security	IP filter / Secure 128-bit SSL encryption	
Standards Conformance		
Computer Interface	IEEE 802.3 10Base-T IEEE 802.3u 10/100Base-TX	
Regulation Compliance	CE, FCC	
System Unit		
Operating Temperature	0 ~ 40 Degree C	
Operating humidity	10 ~ 80%	
Dimension (W x D x H)	436 x 300 x 44 mm	
Weight	4.2kg	
Installation	1U	

Product	IPM-EMD
Hardware Specification	
Digital Input	2
LED Display	Power / Status
Console Port	1 x RS-232 RJ-45 serial port
Monitoring Temperature	0 ~ 80 Degree C
Monitoring Humidity	10 ~ 90%
Dimension (W x D x H)	57.4 x 37.6 x 29.2 mm
Weight	35g

Ordering Information

IPM-12001-US	12-Port IP Power Manager (100V~125V)
IPM-12002-US	12-Port IP Power Manager (200V~240V)
IPM-12002-EU	12-Port IP Power Manager (200V~240V)
IPM-12002-UK	12-Port IP Power Manager (200V~240V)

Accessories

IPM-EMD	Environmental Monitoring Device
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Related Product

IKVM-17080	Drawer 8-Port Combo-Free IP KVM Console with 17" LCD Display
IKVM-17160	Drawer 16-Port Combo-Free IP KVM Console with 17" LCD Display
NAS-7450	1U Rack-Mountable 4-Bay NAS Server with iSCSI
NAS-7850	2U Rack-Mountable 8-Bay NAS Server with Dual Power Supply
NVR-3250	32-Ch Rack Mount Network Video Recorder
DVR-872	8-Channel H.264 Digital Video Recorder
DVR-1672	16-Channel H.264 Digital Video Recorder
WGSW-20160HP	16-Port 10/100/1000Mbps 802.3at PoE + 4-Port Gigabit TP / SFP Combo Managed Switch
FNSW-1600P	16-Port 10/100Mbps PoE Fast Ethernet Switch