



8-port Web-Smart 802.3at/af PoE Switch PS800M



Its cost saving and centralized power distribution using of PoE, eight ports of PS800M provides PoE power injecting function which is able to drive 8 IEEE 802.3at/af compliant powered devices in the remote different locations. For small area such as home, SMB office, PS800M provides a simple, cost-effective, and highly reliable network connection for data and power feeding remotely.

IEEE 802.3at/af Power Source Switch

The PS800M has (8) 10/100BASE-TX ports that support 802.3at/af PoE standards. It is designed to inject up to 30 Watts of power per port. Each port can automatically detect if any 802.3at/af compliant device is attached and supply power which will be automatically adjusted to fit into the device. The PS800M also supports active circuit protection, which automatically disables a port if there is a short, while the other ports remain active.

Simple Wiring and Installation

PS800M reduces cables and eliminates the need for dedicated electrical outlets on the wall, ceiling or any unreachable place. Providing 8 PoE interfaces, the PS800M is ideal for small business and workgroups requiring to deploy the PoE for the wireless access points, network camera or IP phones in any places easily.

Easy Configuring Web Management Interface

The Web smart functions make it easy to survey and control the PoE power provision

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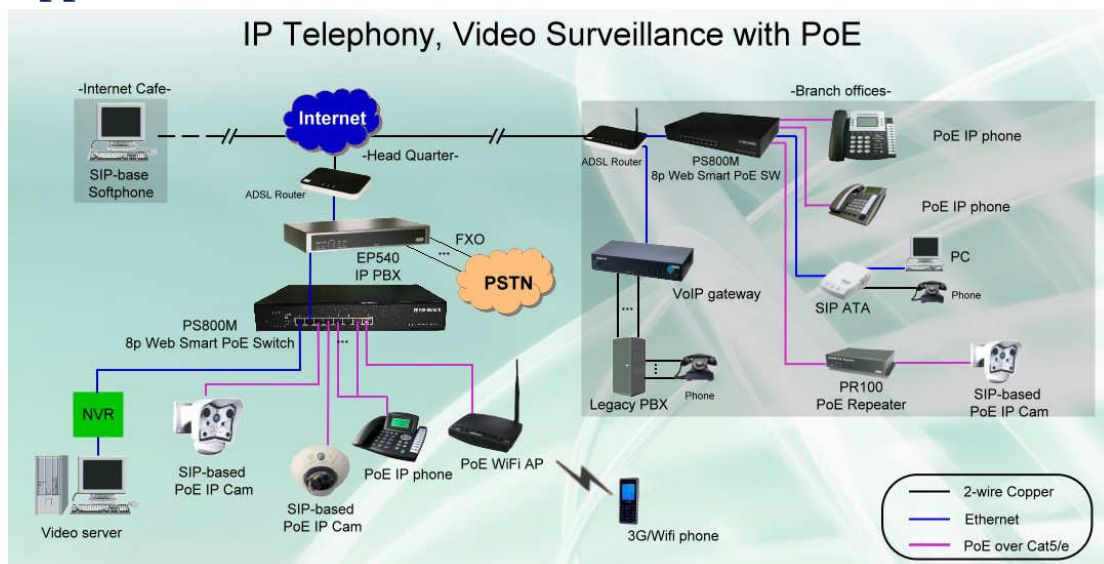


to the devices by the Web interface. Basic switching functions such as VLAN, Bandwidth Control, Storm Control and QoS are available for network management. The smart functions make it easy to survey and control the PoE power provision to the devices by the Web interface. Basic switching functions such as VLAN, Trunk, QoS are available for network management.

Features

- Up to 30W of power output per PoE port
- IEEE 802.3at compliant with 2-event classification
- IEEE 802.3af backward compatible
- Low power devices receive only the power they need
- Safe and reliable power to WLAN access points
- Automatic detection and protection of non-standard Ethernet terminals
- Supports 10/100 Base-T Ethernet
- Compact design fits easily in WLAN access
- Plug-and-Play with simple configuration required
- Internal power supply of upto 150w
- Easy installation and maintenance

Application



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Specification

8-Port Web Smart 802.3at/af PoE Switch	
Model	PS800M
Hardware Specification	
Network Connector	8-Port RJ-45 for 10/100Base-TX
PoE Inject Port	8-Port with PoE injector(PSE) function, Port-1 to Port-8
LED Display	One power 1-8 port PoE in-use, LNK / ACT 1-8 port LNK / ACT
Switch Architecture	Store and Forward switch architecture
Switch Fabric	1.6Gbps
MAC Address	1K MAC address table with Auto learning function
Power	AC 100~240V, 50/60Hz,
Power Consumption	Internal Power, Max. 150 watts / 221 BTU
Dimension (W x D x H)	262 x 160 x 44 mm
Weight	1.8 kg
Power over Ethernet	
PoE Standard	IEEE 802.3at/af Power over Ethernet / PSE
PoE Power Supply Type	End-Span
PoE Power Output	Per Port 52V DC, 580mA. Max. 30 watts
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Budget	130 watts
Layer 2 Function	
Management	Web management, SNMP Trap
VLAN	Port-Based VLAN and IEEE 802.1Q Tag-Based VLAN, up to 16 VLAN groups
QoS	2 priority queues for three type of Class of Service

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	<ul style="list-style-type: none">• Port-Based• IEEE 802.1p priority tag• TCP / IP header's DSCP classifier Weighted Round Robin queue scheduling
Bandwidth Control	Inbound Rate Limit and Outbound Traffic shaping
Storm Control	Disable, 12.5%, 25%, 50%, 62.5% 4 levels
Standard Conformance	
EMI Safety	FCC Class A, CE
Operating environment	0~40 degree C, 10%~95%RH
Storage environment	-40 ~70 degree C, 95% RH
Operating Humidity	5% to 90% , relative humidity, non-condensing
Storage Humidity	5% to 90% , relative humidity, non-condensing
Standard Compliance	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Flow Control IEEE 802.3at/af Power over Ethernet IEEE 802.1p Class of Service IEEE 802.1Q VLAN Tagging

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