8-port Web-Smart Midspan PoE Switch PW800M

Its cost saving and centralized power distribution using of PoE, eight ports of PW800M provides PoE power injecting function which is able to drive 8 x IEEE 802.3at/af compliant powered devices in the remote different locations. For small area such as home, SMB office, PW800M provides a simple, cost-effective, and highly reliable network connection for data and power feeding remotely.

Advance and User-Friendly PoE Management Features

The PW800M offers PoE Power Control, Auto Check, PoE Power Delay and PoE Scheduling on each PoE ports.

IEEE 802.3at/af Power Source Switch

The PW800M has (8) 10/100BASE-TX ports that support midspan 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 PW800M 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

PW800M reduces cables and eliminates the need for dedicated electrical outlets on the wall, ceiling or any unreachable place. Providing 8 PoE interfaces, the PW800M 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 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

- PoE Power Control: Each PoE port able to enable or disable PoE output

- PoE Power Delay

- PoE Scheduling by 7 days x 24 hours base

- Up to 30W of power output per PoE port

- IEEE 802.3at/af, midspan PoE compliant

- Low power devices receive only the power they need

- IGMP snooping v1, v2

- 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 150w and optional 250w (PW800MA)

- Easy installation and maintenance

Application

Specification

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Model	PW800ML(65w), PW800M(150w), PW800MA(250w)
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
Dimension (W x D x H)	262 x 160 x 44 mm
Weight	1.8 kgs
Power over Ethernet	
PoE Standard	IEEE 802.3at/af compliant
PoE Power Supply Type	Mid-Span

PoE Power Output	Per Port 56V DC, 580mA. Max. 30 watts
Power Pin Assignment	4/5(+), 7/8(-)
PoE Power Budget	150 watts

Web Smart Switch 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 • 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 802.1p	Class of Service
	IEEE 802.1Q	VLAN Tagging