8p Web Smart Passive PoE Switch PW800M-24v

Its cost saving and centralized power distribution using of PoE, eight ports of PW800M-24v provides PoE power injecting function which is able to drive 8 x passive PoE-enabled devices such as wireless APs in the remote different locations. For small area such as home, SMB office, PW800M-24v 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-24v offers PoE Power Control, PoE Power Delay and PoE Scheduling on each PoE ports.

Midspan Passive Power Source Switch

The PW800M-24v has (8) 10/100BASE-TX ports that support midspan passive PoE injecting. It is designed to inject up to 15.4 Watts of power per port. The PW800M-24v 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-24v reduces cables and eliminates the need for dedicated electrical outlets on the wall, ceiling or any unreachable place. Providing 8 PoE interfaces, the PW800M-24v 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.

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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
- Midspan Passive PoE Injecting
- 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 120w
- Easy installation and maintenance
- Rapid Spanning Tree Protocol (RSTP/STP) supported

Application

Specification

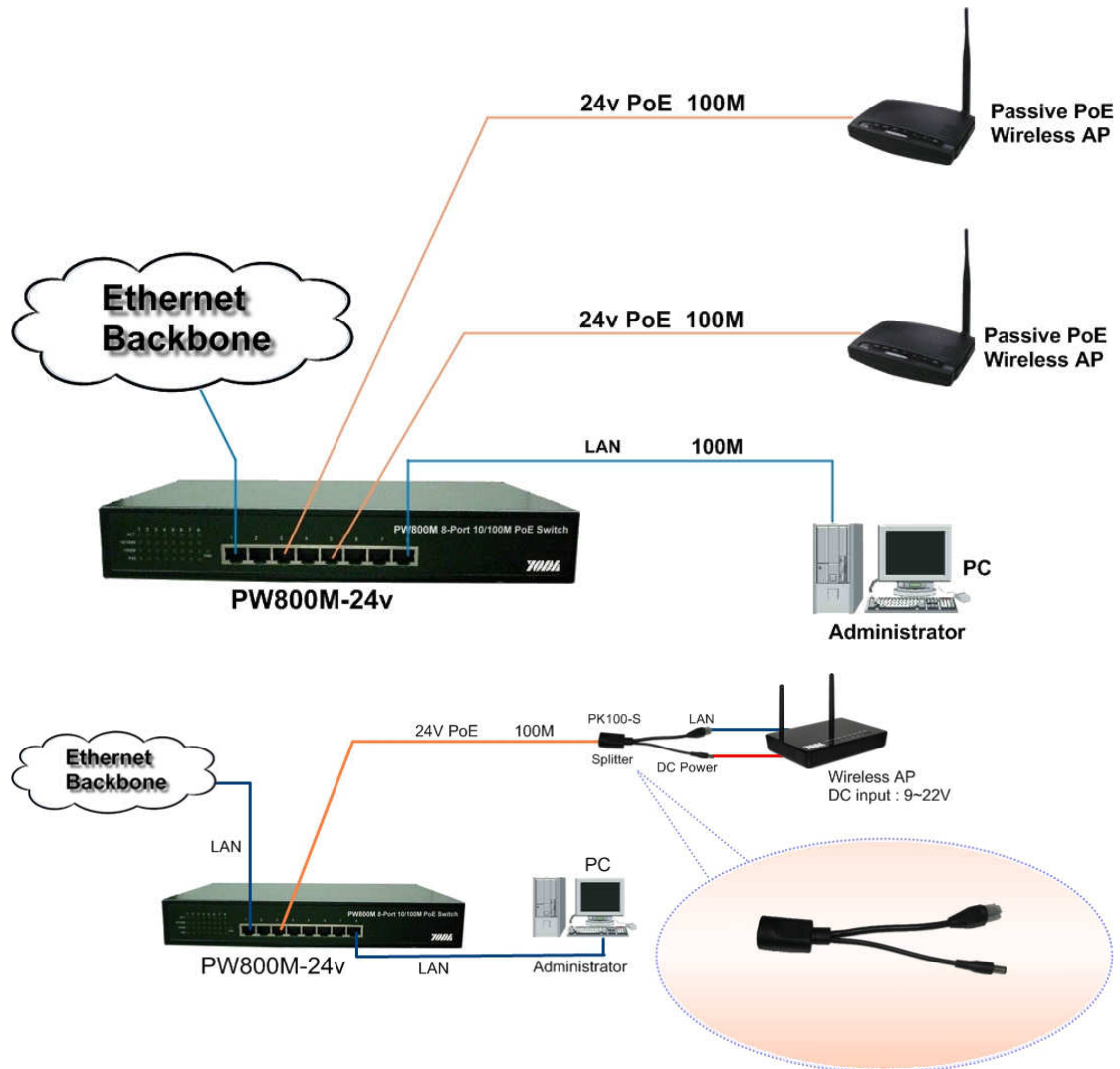| 8-Port Web Smart Mid-span PoE Switch |
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Model	PW800M-24v (120w) / PW800ML-24v (65w)
Hardware Specification	
Network Connector	8-Port RJ-45 for 10/100Base-TX
PoE Inject Port	8-Port with PoE injector(PSE) function, Port-1 to Port-8
LED Display	One power 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. 120 watts
Dimension (W x D x H)	262 x 160 x 44 mm
Weight	1.8 kgs
Power over Ethernet	
PoE Standard	Mid-span Power over Ethernet
PoE Power Supply Type	Mid-Span
PoE Power Output	Per Port 24V DC, 650mA. Max. 15.4 watts

Power Pin Assignment	4/5(+), 7/8(-)
PoE Power Budget	120 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

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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

Ordering Information

Model	Total PoE Budget and per port in average
PW800ML-24v	65w, per port 8 w
PW800M-24v	120w, per port 15 w