



4-port PoE Switch with high power injector **PW541**



Introduction

- * **High power injector upto 48W**
- * **802.3af compliant**
- * **PoE On-Off Control per port**
- * **19" chassis for 32-p PoE Switch**
- * **Power Protection: OVP, OCP, OTP**

PW541 is a 5-port 10M/100M Fast Ethernet Switch with one uplink port + 4 ports of Power over Ethernet capability. With 4 dip switches, each PoE port can be manually set for On-Off control. PW541 is supporting high power injector of upto 48W if one port PoE is ON or 30W on each PoE port if two PoE ports are ON or 20W if three PoE ports are ON and full 15.4W on each PoE if four PoE ports are ON.

You can make use of Yoda PoE repeater **PR100** to extend another 100 meters or several 100 meters if multiple PR100s are used. Alternatively, **EP2wire** is used to extend PoE distance over 2-wire or coaxial cable in the environment.

It also gives you the option of installing it in a 19" chassis (**WPS800**) with rack-mount kits for upto 32-port PoE Switch.

Auto-MDI/MDI-X

Every port can automatically sense your type of cable, so there is no need for crossover cables whether you are connecting this switch to another switch or to a computer.

Power Protection

PW541 series supports power protections as OVP (Over Voltage Protection), OCP (Over Current Protection), OTP (Over Temperature Protection), robust short-circuit protection and surge protection.

Non-Blocking

This switch receives and forwards traffic seamlessly with its non-blocking wire-speed. Every port simultaneously supports up to 200Mbps of bandwidth in full-duplex mode. This feature provides full wire speed to the connected devices and allows you to run a smooth network.

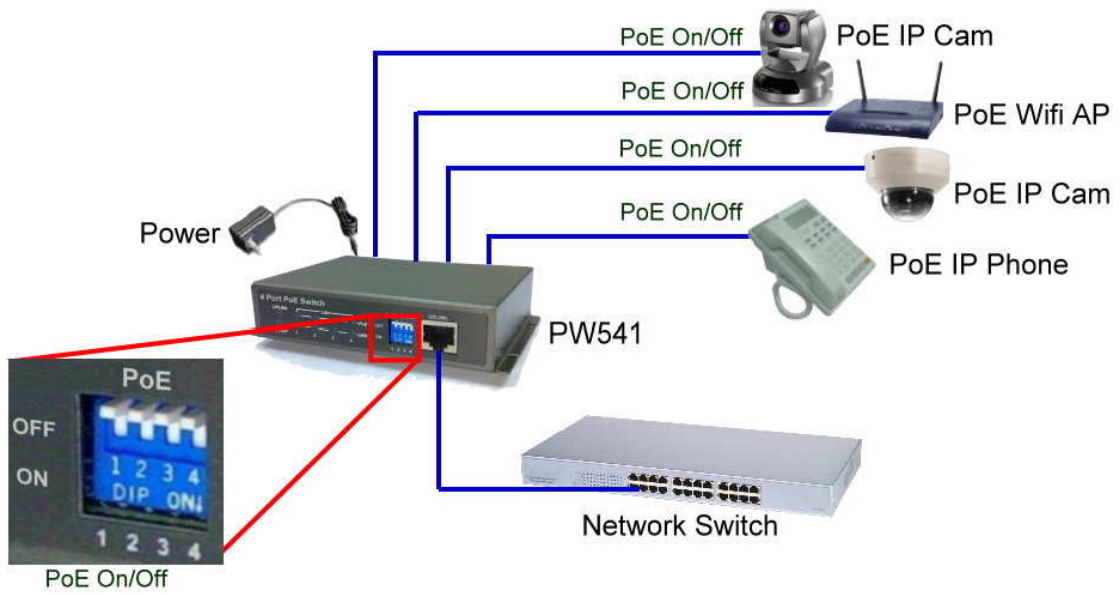
Store and Forward

It maximizes network performance while minimizing the propagation of bad network packets.

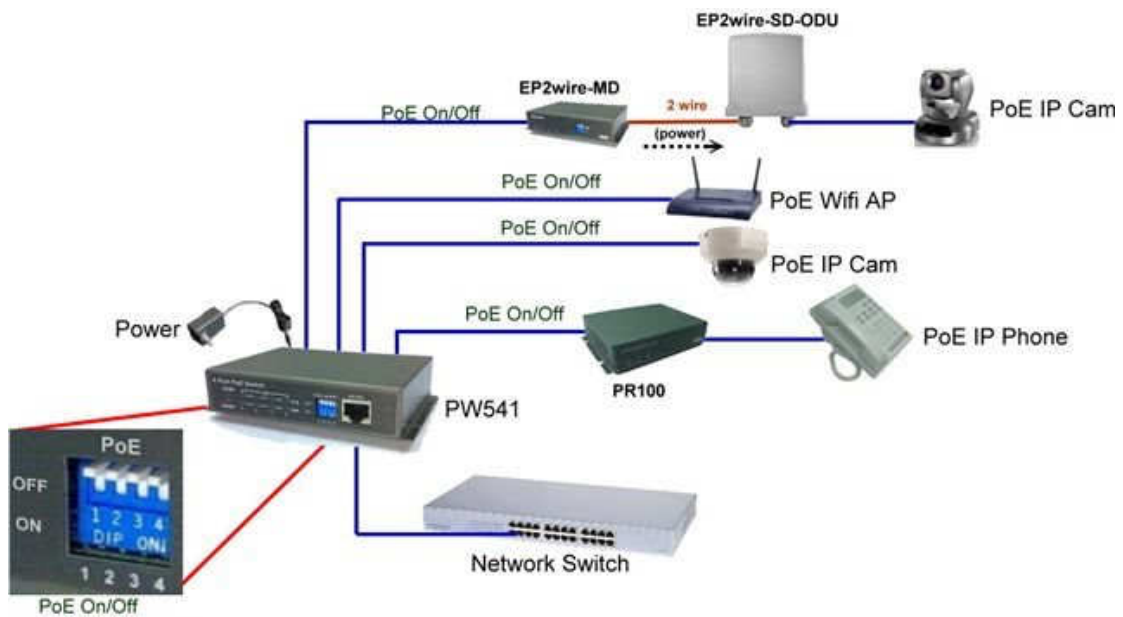
Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3x Flow Control			
Features	MAC Address: 2K Buffer Memory: 512K bits Transmission Method: Store and Forward			
Filtering/Forwarding Rates	100Mbps port - 148,800pps 10Mbps port - 14,880pps			
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP			
Uplink Port	1			
PoE on Each Port	1 port ON	2 ports ON	3 ports ON	4 ports ON
	@48W x1	@30W x2	@20W x3	@15.4W x4
Output PoE Pin	4,5,7,8			
H/W VLAN (option)	PW541-V			
LED Indicators	Power, Uplink , LAN1~4 port , PoE 1~4 port			
Power Adaptor	Input: 100-240VAC, 50~60Hz Output: 48VDC/1.3A			
Dimensions	120 × 90 × 28 mm (L x W x H)			
Weight	1.2 kg			
Operating Temperature	0 to 50°C			
Humidity	10 to 90% RH (non-condensing)			
Certifications	FCC , CE			

Application Diagram



※ PW541 bundles with EP2wire or PR100 to extend PoE

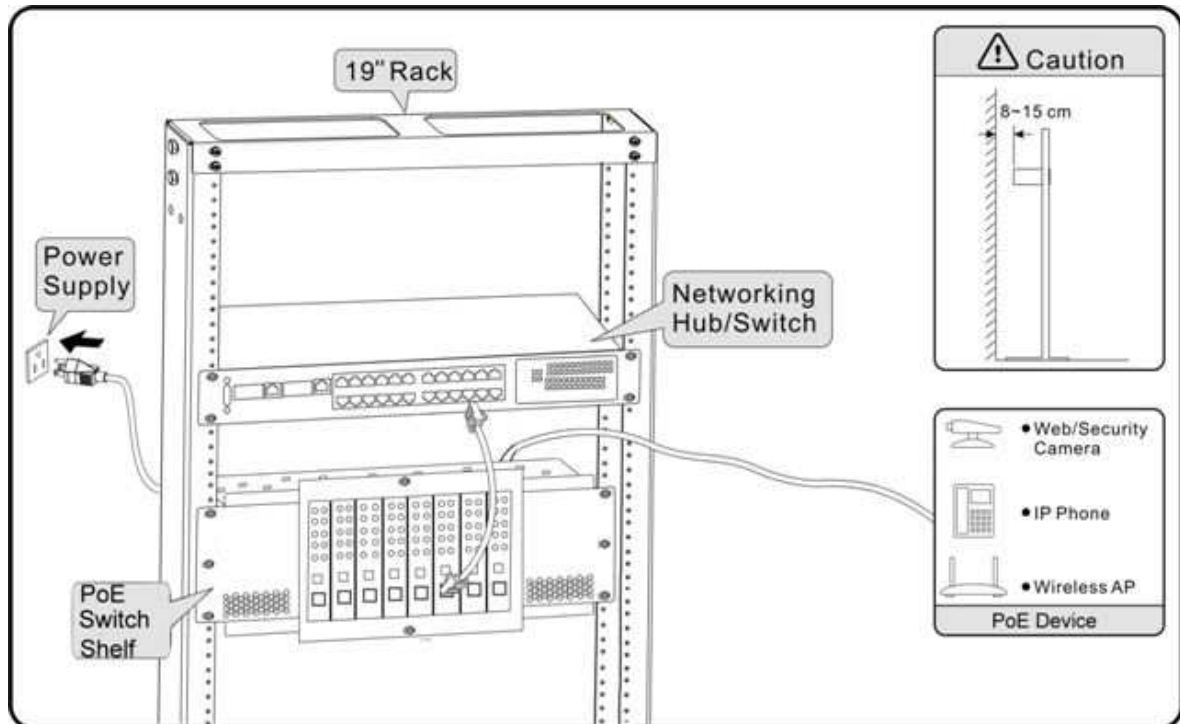


8-Bay 19" Power Chassis **WPS800**



WPS800, an 8-bay 19" power chassis, is designed specifically to station for 4-p PoE Switch PW541 with input 100-240VAC and output 24VDC. With plug & play features for easy installation, each bay of WPS800 can be plugged in for one PW541 to supply high power injector (upto 48W) for remote PoE applications.

Connection Diagrams



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