



PW541 Series 4-port PoE Switch, Fast Ethernet

Uplink

PW541 : midspan, On/Off Switch (48/30/20/15.4W)

PW541C: midspan, @ 15.4W per PoE port, No On/Off Switch

PW541D : midspan, PoE-PD uplink, On/Off Switch

PW541AT : midspan, On/Off Switch (48/48/40/30W)

PW541AC : midspan, @ 30W per PoE port, No On/Off Switch

PW541E : endpoint, @ 15.4W per PoE port, No On/Off Switch



- * 802.3af or pre-802.3at compliant
- * **PoE On-Off Control per port**
- * **Auto-MDI/MDI-X, Auto-Negotiation**
- * **Power Protection: OVP, OCP, OTP**

Introduction

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. The PoE power supply is 65 Watts in total for all the PoE-On ports. This product is compact in size, making it ideal for Desktop users with limited space. It also gives you the option of installing it in a 19" cabinet by rack-mount kits.

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

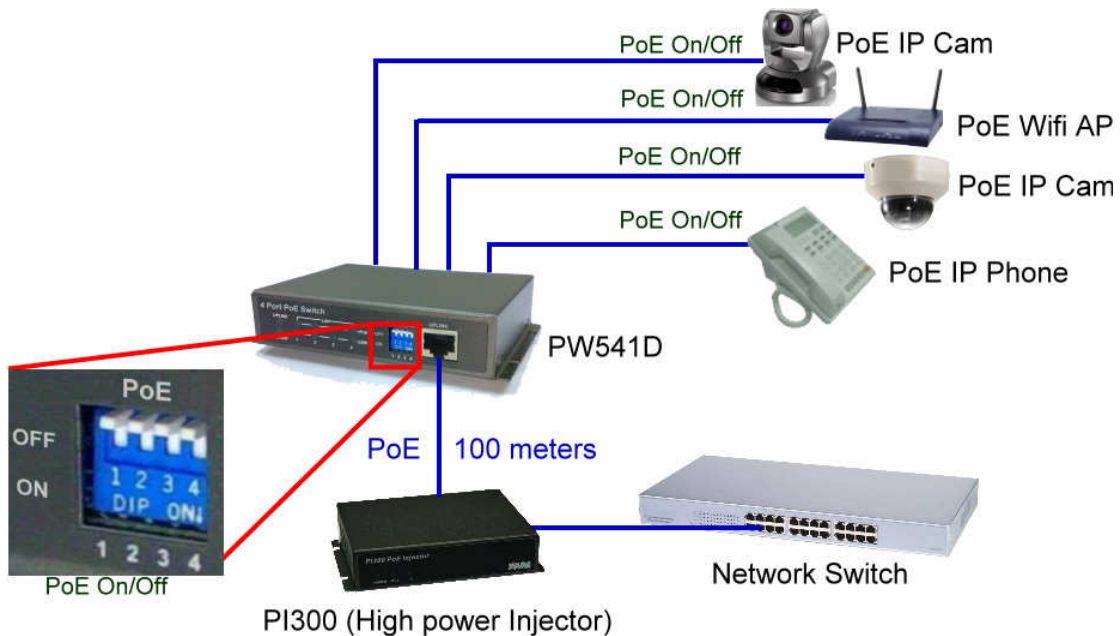
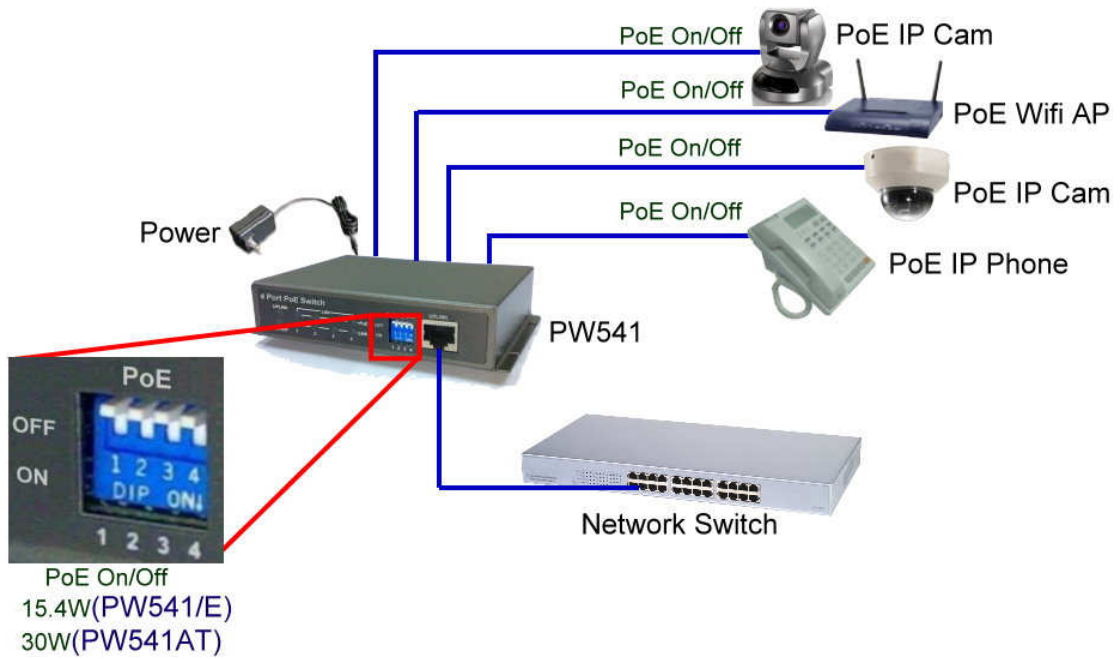
It maximizes network performance while minimizing the propagation of bad network packets.

Technical Specifications

	PW541/C	PW541D	PW541AT/C	PW541E
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	1	1	1
Uplink Port Fed by PoE power	No	Yes	No	No
PoE Switch Port	4	4	4	4
On/Off DIP Setup (PW541C/PW541A C/PW541E without On/Off DIP)	Max. 61.6W	Fed by PoE Injector or PoE Switch	Max. 120W	Max. 61.6W
Output Power Pin	4, 5, 7, 8	4, 5, 7, 8	4, 5, 7, 8	1, 2, 3, 6
H/W VLAN (option)	PW541-V	PW541D-V	PW541AT-V	PW541E-V
LED Indicators	Power, Uplink , LAN1~4 port , PoE 1~4 port			
Power Adaptor	Input: 90-260VAC, 50~60Hz Output: 48VDC/1.3A	Optional Fed by Injector Yoda PI300 (Max. 50W)	Input: 90-260VAC, 50~60Hz Output: 48VDC/3A	Input: 90-260VAC, 50~60Hz Output: 48VDC/1.3A
Dimensions	120 x 90 x 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



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