



PW541i-24V

5-port FE Switch with 4-port Passive 24V PoE



- * **Passive 24V midspan PoE**
- * **Internal Power Budget of 65W**
- * **PoE On/Off by Dip Switch Control**

Introduction

PW541i is a 5-port 10M/100M Fast Ethernet Switch with 4 ports of Passive 24V Power over Ethernet and one uplink port. Per PoE port is power supply up to 15W. The total PoE power budget is 65W. It is an ideal solution where office and home users utilize a combination of PoE and non-PoE enabled devices.

PoE Functionality for the LAN

Four ports on the PW541i are PoE enabled by DIP On/Off control making it an ideal solution for most office users that have PoE enabled devices located around the office. These products can include a mixture of PoE IP Phones, PoE wifi APs and PoE IP Cam. PW541i is the perfect answer for offices that are upgrading their office equipment and LAN infrastructure to include PoE capability.

Stable and Reliable Network Environment

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The PW541i enables users to deploy a stable and reliable high-speed LAN environment, with store-and-forward switching architecture, packet error filtering and non-blocking packet forwarding. The 802.3x and backpressure flow control mechanisms work respectively for full and half duplex modes. This device supports N-way auto-negotiation protocol that automatically detects networking speed and duplex modes.

Easy to Use

For instant error detection, the switch is equipped with a full range of LEDs to help monitoring and troubleshooting problems on the network.

Technical Specifications

Standards	IEEE 802.3: 10 BASE-T
	IEEE 802.3u: 100 BASE-TX
	Passive 24V Power Over Ethernet compliant
Features	MAC Address: 2K
	Buffer Memory: 2KB
	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 Spec	Supports up to 15 W for each PoE port PoE power budget : 65W PoE over current protection PoE circuit short protection PoE power on RJ-45 pin 4, 5 (+) / pin 7, 8 (-)

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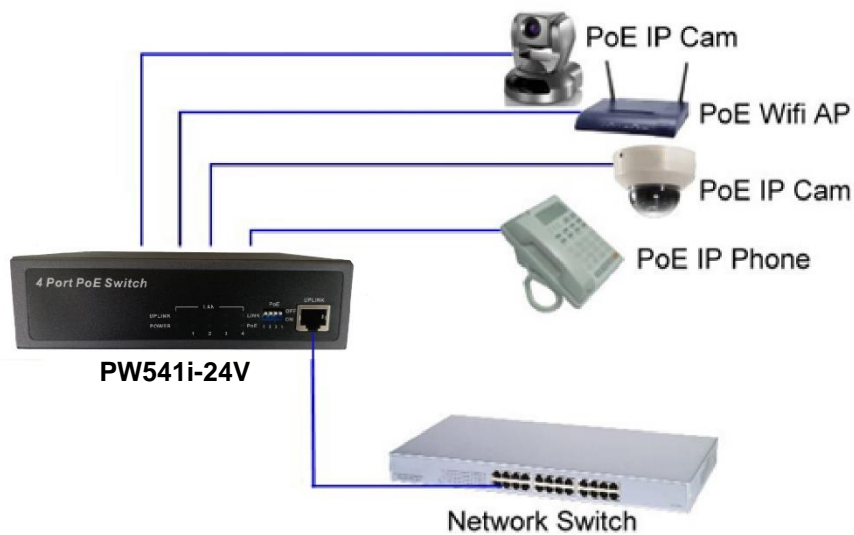
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LED Indicators	Power, Uplink , LAN1~4 port , PoE 1~4 port
Power Module	100~240VAC/50~60Hz Internal Power 48~56VDC
Dimensions	160 x 122 x 44 mm (Device), 235 x 145 x 80 mm (Box), 422 x 310 x 252 mm (Carton)
Weight	Device: 0.8 kgs, Box: 1.1 kg, 10pcs/Carton:12.5 kgs
Operating Temperature	0 to 50°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC , CE, LVD

Application Diagram



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