



5-port Gigabit Switch with 4-port PoE+ **PW541AG**



- * **Comply IEEE 802.3at/af PoE standards**
- * **Support 19" chassis for PoE 32-port**
- * **Powered Device(PD) Detection**

Introduction

PW541AG is a 5-port 10M/100/1000M Gigabit Ethernet Switch with one uplink port plus 4 ports of Power over Ethernet capability. Each PoE port is IEEE 802.3at/af standards with power supply up to 30w. The total PoE power budget for PW541AG is 65W(PS541AGL) or 120W(PW541AG). 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 PW541AG are PoE enabled 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. PW541AG is the perfect answer for offices that are upgrading their office equipment and LAN infrastructure to include PoE capability. The switch automatically detects IEEE 802.3at/af compliant device connected and provides power and data over a single cable to these devices.

Stable and Reliable Network Environment

The PW541AG switch is equipped with bi-color LEDs to indicate the Ethernet connection speed and transmission activities to help monitor and troubleshoot problems on the network. With store-and-forward switching architecture, the PW541AG deploys a stable and reliable packet error filtering and non-blocking packet forwarding. 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

monitor and troubleshoot problems on the network.

Technical Specifications

Standards	IEEE 802.3: 10 BASE-T, IEEE 802.3u: 100 BASE-TX IEEE 802.3ab : 1000Base-T IEEE 802.3at/af: Power Over Ethernet standards
Features	MAC Address: 1K Buffer Memory: 104KB Transmission Method: Store and Forward Backplane : 10Gbps
Filtering/Forwarding Rates	1000Mbps port – 1,488,000pps 100Mbps port - 148,800pps 10Mbps port - 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseTX Cat. 5E/6/7 UTP/STP
Uplink Port	1
PoE Spec	Supports up to 30 W for each PoE port PoE power budget : 65W (PW541AGL) or 120W (PS541AG) PD classification identify PoE over current protection PoE circuit sorting protection PoE power on RJ-45 pin 1,2 for power + / pin 3,6 for power -
LED Indicators	Power, Uplink , LAN1~4 port , PoE 1~4 port
Power Adaptor	100~240VAC/50~60Hz External Power Adapter
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

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