

PS-802GW+

8-port 10M/100M PoE+ and 2 Combo Gigabit UTP port Web Smart Fast Ethernet Switch



- * 8-port 10/100M PSE PoE+
(PoE ON/OFF Function)
and 2 Combo Gigabit UTP port
- * Web-based Configuration and Management
- * 19" Rack-Mount
- * Auto-MDI/MDI-X
- * Auto-Negotiation
- * Non-Blocking
- * Internal Power Supply

Introduction

PS-802GW+ is 8-port 10M/100M PoE+ ports and 2 Combo Gigabit UTP Desktop PoE Web Smart Fast Ethernet Switch that is designed for medium or large network environment to strengthen its network connection. Including rack-mount brackets, the 19" size fits into your rack environment. It is a superb choice to boost your network with better performance and efficiency.

IEEE 802.3at Power over Ethernet (PoE) ports

PS-802GW+ features 8-port PoE+ IEEE 802.3at supplying up to 30 watts per port with total power of 260Watts. This product can convert standard 100~240V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3at compliant network accessories. It also features PoE+ awareness to verify whether the network device receive power is IEEE 802.3at compliant, or only the data will be sent through LAN cable. By adding PS-802GW+ to existing networking, installing networking products such as Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located with available power outlets and network administrators don't need to use heavy AC power adapters anymore.

No Special Networking Cable Required

By adding PoE devices, you can use an existing standard Cat.5/Cat.5e Ethernet cable without a new electrical outlet for both power and data. It helps you reduce installation time and cost.

Exceptionally Smart

PS-802GW+ PoE+ Web Smart Fast Ethernet Switch features management ports that can be managed through Web Browser and provides Smart features that are ideal for simple

QoS/CoS applications and basic monitoring tools to improve network efficiency. Its security and management features such as bandwidth control, and VLAN to secure your network. Through a Web-based interface, an administrator can set up VLANs to segregate traffic, QoS to prioritize mission-critical data and link aggregation to create fat traffic pipelines. All of these features offer extra protection on the network edge. Best of all, the password-protected configuration interface can be accessed remotely.

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.

Auto-Negotiation

Every port can automatically sense if the connected network devices are running at 10Mbps/100Mbps/1000Mbps and Half/Full-Duplex mode, and adjust accordingly.

Non-Blocking

This switch receives and forwards traffic seamlessly with its non-blocking wire-speed. Every port simultaneously supports up to 200Mbps/2000Mbps 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

By this function, this switch can maximize network performance while minimizing the propagation of bad network packets.

Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3z 1000BaseX IEEE 802.3x Flow Control IEEE 802.3ad Trunk (Link Aggregations) IEEE 802.3af PoE IEEE 802.3at PoE+ IEEE 802.1q VLAN (Port Based and Tag Based) IEEE 802.1p Class of Service, Priority Protocols IEEE 802.1d Spanning Tree Protocol
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	IEEE 802.1w Rapid Spanning Tree Protocol
Features	Number of Ports: 8-port PoE+ MAC Address: 4K Buffer Memory: 2.75M bits Transmission Method: Store and Forward
Smart Features	Port VLAN: 10 Tagged VLAN: 4094 Quality of Service: up to 4 queues PoE function ON/OFF Remote Control STP/RSTP (Spanning Tree Protocol and Rapid Spanning Tree Protocol) MAC Address Binding / TCP/UDP Filter IGMP Snooping v1/v2 Trunking Bandwidth control /broadcast storm control
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 1000BaseT Cat. 5e UTP/STP
Led Indicators	Per Port: Link/Act, PoE Act/Status Per Unit: Power
Power Input	100~240V/AC, 50~60Hz
Power Output	48V/DC Per Port Output – 8 Ports at Full 30 W Output Supported per port
Power Consumption	260 Watts (Max) /130 Watts (Max) (PS-802GW+/ PS-7882IL-LITE)
Dimensions	440 × 220 × 44 mm (L x W x H)
Weight	3.6 kg /3.3kg (PS-802GW+/ PS-7882IL-LITE)
Operating Temperature	0 to 40 °C
Storage Temperature	-20 to 90 °C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE