



## PS5010G-2GS-8POE

1U Rack Mounting

10-port Full Gigabit Layer 2 Managed PoE Ethernet Switch

- Support 2 gigabit fiber ports (SFP slot) and 8 gigabit PoE copper ports
- The maximum power of single-port PoE is 30W
- Input voltage: 100~240VAC, 50/60Hz
- Support 0 ~ 45°C wide operating temperature range



## Introduction

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PS5010G-2GS-8POE is 10-port full gigabit layer 2 managed PoE Ethernet switch. Its PoE power supply conforms to the protocol standards of IEEE 802.3af/at. This product provides gigabit PoE copper port and gigabit fiber port (SFP slot) and adopts 1U rack mounting, which can meet the requirements of different scenes.

Network management system supports various network protocols and industrial standards, such as STP/RSTP/MSTP, 802.1Q VLAN, QoS, PoE Configuration, Port Mirroring, etc. It also possesses complete management functions, including Port Configuration, Online Upgrading and so on. Moreover, it supports WEB, Telnet, SNMP and other access modes. It can provide users with good experience via friendly design of network management system interface, simple and convenient operation.

Hardware adopts low power consumption, wide temperature and voltage design and has passed rigorous industrial standard tests, which can suit for the industrial scene environment with harsh requirements for EMC. It can be widely used in smart grid, railway transportation, smart city, safe city, new energy, aerospace, intelligent manufacturing, military project and other industrial fields.

## Features and Benefits

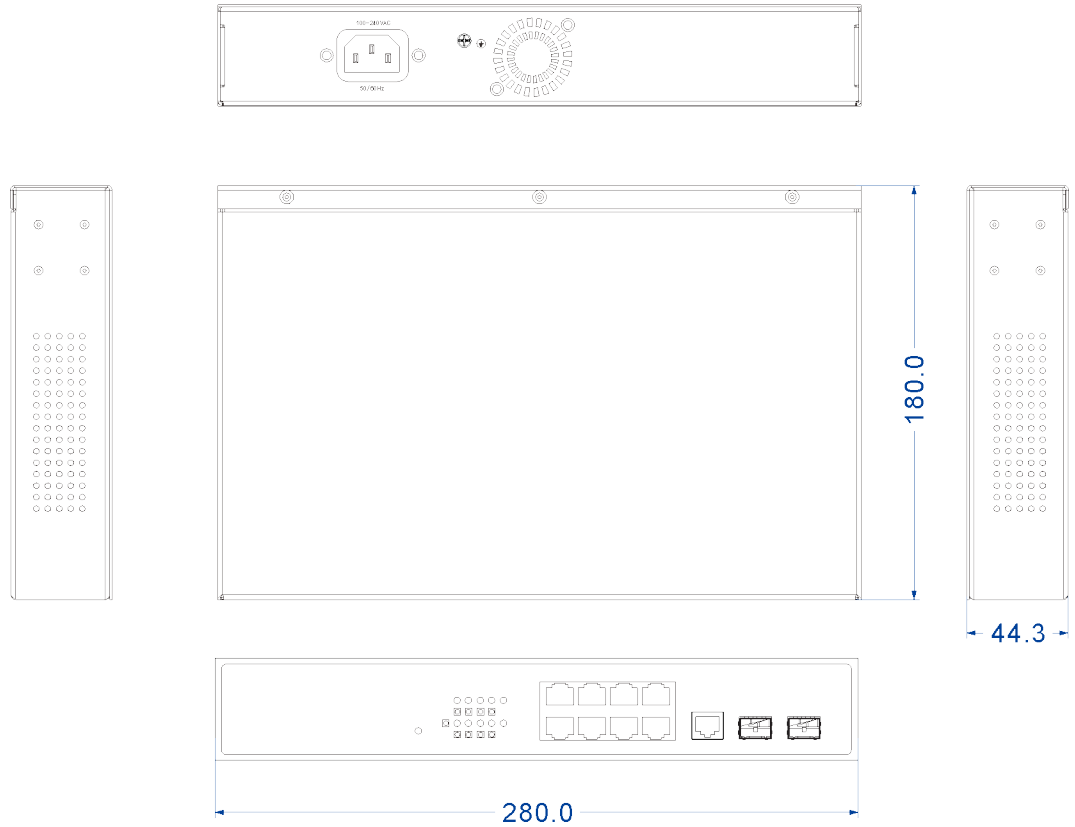
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- ⊙ SNMPv1/v2c/v3 is used for network management of various levels
- ⊙ Port mirroring can conduct data analysis and monitoring, which is convenient for online debugging
- ⊙ QoS supports real-time traffic classification and priority setting
- ⊙ Configuration management is convenient for quick configuration of devices.
- ⊙ User password can conduct user hierarchical management to improve the device administrative security
- ⊙ Storm suppression can restrain broadcast, unknown multicast and unknown unicast
- ⊙ VLAN can simplify the network planning
- ⊙ Port trunking and LACP can increase network bandwidth and the reliability of network connection to achieve optimal bandwidth utilization
- ⊙ Bandwidth management and flow control can reasonably distribute network bandwidth, preventing unpredictable network status
- ⊙ STP/RSTP/MSTP can achieve network redundancy, preventing network storm
- ⊙ PoE could power device over Ethernet, thus decreasing the cable connection of powered devices

## Dimension

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Unit:mm



## Specification

<p><b>Standard &amp; Protocol</b></p>	<p>IEEE 802.3 for 10Base-T                  IEEE 802.3u for 100Base-TX                  IEEE 802.3ab for 1000Base-T                  IEEE 802.3z for 1000Base-X                  IEEE 802.3x for Flow Control                  IEEE 802.1D for Spanning Tree Protocol                  IEEE 802.1w for Rapid Spanning Tree Protocol                  IEEE 802.1s for Multiple Spanning Tree Protocol                  IEEE 802.1Q for VLAN                  IEEE 802.1p for CoS                  IEEE 802.3ad for LACP                  IEEE 802.3af for PoE                  IEEE 802.3at for PoE+</p>
<p><b>Management</b></p>	<p>SNMP v1/v2c/v3 Centralized Management of Equipment, Port Mirroring, QoS, DHCP Client, File Management, RMON Configuration</p>
<p><b>Security</b></p>	<p>Classification of User Permissions, POE Power Alarm, POE temperature Alarm, Storm Suppression, Access Control, Failure</p>

	Detection
Switch Function	802.1Q Vlan, Static Port Aggregation, Bandwidth Management, Flow Control,
Redundancy Protocol	STP/RSTP/MSTP
PoE	The maximum power of single-port PoE: 30W PoE power supply pin: V+, V+, V-, V- correspond to Pin 1, 2, 3, 6
Interface	Gigabit POE copper port: 10/100/1000Base-T(X), RJ45, Automatic Flow Control, Full/Half Duplex Mode, MDI/MDI-X Autotuning SFP slot: 1000Base-SFP
LED Indicator	Port Indicator, Power Supply Indicator, PoE Power Consumption Indicator, PoE Power Supply Output Indicator
Switch Property	Transmission mode: store and forward MAC address: 8K Packet buffer size: 4.1Mbit Backplane bandwidth: 20G Packet forwarding rate: 14.88Mpps
Power Requirement	100-240VAC, 50/60Hz
Power Consumption	Power consumption: ≤161W@220VAC
Environmental Limit	Operating temperature: 0°C ~ 45°C Storage temperature: -40°C ~ 70°C Operating humidity: 10% ~ 90% (no condensation) Storage humidity: 5% ~ 90% (no condensation)
Physical Characteristic	Housing: IP30 protection, metal Installation: 1U rack mounting Dimension (W x H x D): 280mm×44.3mm×180mm
Certification	CE, FCC, RoHS
Warranty	3 years



## Ordering Information

Available Models	Gigabit Fiber Port (SFP Slot)	Gigabit PoE Copper Port	Power Supply
PS5010G-2GS-8POE	2	8	100-240VAC, 50/60Hz



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