PSG-5008

8-Port L2 Managed Gigabit PoE Switch (70W)

PSG-5008

Introduction

PSG-5008 Gigabit managed switch, which can be configured by web interface. Equipment itself integrated 8 high-density gigabit port and 2 SFP port. It's provide a simple, economic, high performance gigabit network solution, all RJ45 port support Auto MDI/MDIX, port speed limit, IGMP Snooping, storm control, Port based VLAN, MAC address binding, configuration file upload and download etc. Providing huge flexibility base on workgroup performance improvement, easy installation, superior performance, highly cost effective. It is your ideal choose of improving service speed.

Main feature

- L2 managed switch
- Support IEEE 802.3, IEEE 802.3u, IEEE 802.3ab standard
- 8x10/100/1000Mbps RJ45 port and 2 port SFP,
- Support 8 port PoE with IEEE 802.3af/at, each port maximum power 30W.
- Support Auto MDI/MDIX
- Maximumly configure 16 LACP, can extend the cascade port bandwidth of the switch
- Support IGMP SNOOPINGV1/V2/V3, Maximum support 256 group.
- Support ARP deception function, once there is someone who counterfeit the other's terminal or gateway IP address, switch will discard the message and record, so that the administrator can manage conveniently.
- Simplified WEB management interface.
- 19-inch rack mount with holder.

Product Specifications

Specifications		
Standard Compliance	IEEE 802.3 : 10Base-T (Ethernet) IEEE 802.3u : 100Base-TX (Fast Ethernet) IEEE 802.3ab : 1000Base-T (Gigabit Ethernet) IEEE 802.3z : 1000Base-SX/LX IEEE 802.3af/at : (PoE/PoE+ Standard) IEEE 802.3x : Flow Control (full-duplex flow control) IEEE 802.3az : Energy-Efficient Ethernet	IEEE 802.3ad : LACP aggregation IEEE 802.1Q : VLAN tagging IEEE 802.1d : Spanning tree protocol IEEE 802.1w : Rapid Spanning tree protocol IEEE 802.1s : Multiple Spanning Tree Protocol IEEE 802.1p : QoS
Ports	8x10/100/1000Base-T, RJ45 port (with PoE and auto MDI/MDI-X) 2xGigabit SFP port	
Switch Fabric (Backplane Bandwidth)	20Gbps	
Transmit Rate	29.7Mpps	
Flash Memory	16MB	
SDRAM	128MB	
Packet Buffer Memory	4.1Mbits	
Jumbo Frames	10KBytes	
MAC Address	8K	
Transmission Method	Store and Forward	
LED Status	Power, System, PoE, Link/Act, 10/100M, 1000M	
Power Requirements	100-240 VAC, 50-60Hz	
Power Consumption	70W	
Energy Conservation Design	Fanless	
Dimension	180 × 280 × 44mm (L x W x H)	
Environment temperature	Operate: 0 to 50°C Storage: -40 to 70°C	
Environment humidity	Operate:10 to 90% (RH non-condensing) Storage:5 to 95% (RH non-condensing)	
Certifications	FCC and CE	

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Specifications subject to change without notice.

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VLAN	Port based VLAN Access VLAN Trunk VLAN Hybrid VLAN 802.1Q tagged VLAN 4094 VLAN IDs available Voice VLAN Surveillance VLAN
Protocol	Support IPv4/IPv6
IGMP Snooping	IGMP v1/v2/v3 Snooping Support 256 groups
MAC Address Administration	MAC address display/inquire Static MAC settings Dynamic MAC address administration MAC address filtering
Loop Detection	Support Loop Detection and Spanning Tree STP, RSTP, MSTP
Storm Control	Broadcast/Unknown-unicast/Unknown-multicast
Link Aggregation	Maximum 8 port per group, support 16 group LACP dynamic or static aggregation
Access Control	Based on Source MAC Address, Destination MAC Address, specify MAC Address Based on the IP, TCP, UDP, IGMP, Source IP, Destination IP, specify IP
Port Mirroring	- One-to-one - Many-to-one - By mirroring port transmission, receiving and sending
Network Management	Telnet/HTTPS/SSH CLI Web browser
Port Speed Limit	Egress and ingress speed limit
DHCP Snooping	Prevent illegal DHCP server
ARP Attack Prevention	To prevent the ARP request deception To prevent the ARP reply to cheat
SNMP	SNMP v2c; Conform to RFC1902, RFC1903, RFC1904, RFC1905, RFC1906, RFC1907 The MIB II; Conform to RFC1213 Ethernet MIB; Conform to RFC1643 The bridge MIB; Conform to RFC1493
RMON	Support group 1, 2, 3, 9
Equipment Management	Console Telnet/HTTPS/SSH The CLI interface WEB UI Ping Tracert Check the CPU and memory utilization System Settings Configuration Management System Upgrade

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