PSG-5124

24-Port L2 Managed Gigabit PoE Switch (400W)

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Introduction

PSG-5124 Gigabit web smart switch, which can be configured by web interface. 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 baseon 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
- 24x10/100/1000Mbps with PoE (IEEE802.3af/at), each port maximum power 30W.
- Provide 2 Gigabit SFP port
- Support port isolation, ensure the users visit and control the terminal easily
- Maximumly configure 16 LACP, can extend the cascade port bandwidth of the switch
- Support IGMP SNOOPING(V1/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.

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 802.3x : Flow Control (full-duplex flow control) IEEE 802.3af/at : (PoE/PoE+ Standard) IEEE 802.3ad : LACP aggregation IEEE 802.1d : Spanning tree protocol IEEE 802.1w : Rapid Spanning tree protocol IEEE 802.1Q : VLAN tagging IEEE 802.3az : Energy-Efficient Ethernet
Ports	24x10/100/1000Base-T, RJ45 port (with PoE and auto MDI/MDI-X) 2xGigabit SFP port
Switch Fabric (Backplane Bandwidth)	52Gbps
Transmit Rate	38.6Mpps
Flash Memory	8MB
SDRAM	128MB
Packet Buffer Memory	256Kbits
Jumbo Frames	10KBytes
MAC Address	16K
Transmission Method	Store and Forward
LED Status	Power, System, PoE, Link/Act, 10/100M, 1000M
Power Requirements	100-240 VAC, 50-60Hz
Power Consumption	400 Watts
Dimension	315 × 440 × 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 90% (RH non-condensing)
Certifications	FCC and CE

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Specifications subject to change without notice.

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VLAN	Port base VLAN ACCESS VLAN TRUNK VLAN 802.1Q tagged VLAN 4094 VLAN IDs available
Protocol	Support IPv4
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
Storm Control	Broadcast/Multicast/Unicast
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 CLI Web browser
Port Speed Limit	Egress and ingress speed limit
DHCP Snooping	Prevent illegal DHCP server
PSE System Management	PSE/PoE Configuration
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
Equipment Management	Console Telnet The CLI interface WEB UI Ping Tracert Check the CPU and memory utilization System Settings Configuration Management System Upgrade System Diagnostics

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