

WD-GS-2210-8S4Fi

Product Data Sheet

Apollo Infoways Pvt. Ltd.



10/100/1000M 8-RJ45 + 4-1G SFP Slot

Overview

WD-GS-2210-8S4Fi series L2 managed switch adopt store-and-forward architecture and energy saving design, with 8*10/100/1000Base-T port and 4*1G/1GBase-X port. At the same time, it supports the public Ethernet ring network protection protocol (ERPs), which greatly improves the networking flexibility and availability. L2 management function makes installation get more easier and convenient, providing 1G high speed Rate downlink port and 1G uplink port to build a high-performance and reliable network. It also be used as outdoor Gigabit to 1 Gigabit convergence and gateway equipment.

WD-GS-2210-8P4Si Industrial Switch is the ideal solution for connecting remote devices such as IP phones, video cameras, wireless access points, alarms, traffic controllers, sensors and tracking devices, which are installed over Ethernet switch.

Hardware Features

- ERPS (G.8032) Ring network protocol, high network availability
- Non blocking high speed forwarding.
- It provides 4*1G SFP+ interfaces to form a ring network
- It supports multiple three-layer ports and static routing
- Web/CLI/Telnet/SNMP Management
- 4KV surge protection for UTP
- IP40 protection
- Supports 8~15KV ESD protection
- -40°C~85°C operating temperature
- Low power consumption

Technical Specifications

Standards	IEEE802.3 10BASE-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3ae 10 Gigabit Ethernet, IEEE802.1Q VLAN, IEEE802.3x Flow control and back pressure, IEEE802.1d STP, IEEE802.1w RSTP, IEEE802.1s MSTP, IEEE802.3ad Link Aggregation, ITU-T G.8032 IEEE802.3af/at PoE PoE+ (Optional)
Switching Capacity	24 Gbps/non-blocking
Packet forwarding rate	41.7Mpps
MAC Address Table	16K
Packet Buffer Space	12M
Copper	8*10/100/1000Base-T, RJ45 (PoE Optional)
Fiber	4*10GBase-X, SFP+ Slot
Console	RS232 (RJ45)
Key Switch	Reset
	802.3af, 802.3at Pin Assignment:1,2+;3,6-
Power	48~58 VDC Redundant power inputs Reverse Polarity Power Consumption: ≤250W Connector: 6-PIN Removable Terminal Block
LED Indicators	PWR, RUN, Link/Act, Speed, Fiber Link
Operating Temperature	-40 °C ~ +85 °C
Relative Humidity	5-95% (no condensation)
Housing	IP40 Protection, Aluminum Alloy, fan-less
Mounting	DIN-rail; wall-mounted/rack mounted kits optional
Dimensions	169*117*50mm(device); 235*170*95mm(packing)
Weight	0.75kg(device); 0.90kg(device with packing)
Protection	IEC 61000-4-5 Level 4 IEC 61000-4-4 Level 4 IEC 61000-4-2 Level 4
Regulations	CE/FCC/ROSH

Software Feature

L2 Features	Port Features	IEEE 802.3x flow control
		Interface counters
		Storm control
	Link Aggregation	Static aggregation
		Dynamic aggregation, LACP
	Mirror	Port-based mirror
	Spanning Tree	IEEE802.1d STP
IEEE802.1w RSTP		

Industrial L2 Managed Switch

		IEEE802.1s MSTP	
	VLAN	Port-based VLAN	
	Mac-address table		Static mac-address
			Dynamic mac-address
			Filtering mac-address
	QINQ		Port-based QinQ
			VLAN-based QinQ
			Flow-based QinQ
			1:1 VLAN Mapping
	ERPS (G.8032)		Single ring
			Sub-Ring
			Multi-ring
			Load balance
	Layer 2 Multicast		IGMP V1 Snooping
			IGMP V2 Snooping
			IGMP V3 Snooping
			Source Port Check
			IGMP Fast Leave
	QoS		QoS Class, Remarking
			SP, WRR queue scheduling
		Ingress Port-based Rate-limit	
		Ingress Priority-based Rate-limit	
		Egress Port-based Rate-limit	
		Egress Queue-based Rate-limit	
		Policy-based QoS	
Dot1x		Port Access Control	
		User Access Control	
		Mac-address Access Control	
		RADIUS Server	
Management	User management	Password protection	
	SNMP	SNMP V1/V2C/V3	
	Web management		Web management
			HTTP V1.1
			HTTPS
	Firmware Upgrade	Firmware Upgrade	
	Syslog/Debug	Support	
	IPV4/IPV6	Support	
	Diagnosis		ping(ipv4)
			ping(ipv6)
		Trace route(ipv4)	
		Trace route(ipv6)	
Application	NTP	NTP Client	
	DHCP Snooping	Trust Port	
	Telnet	Telnet Server	

Industrial L2 Managed Switch

		Telnet Client
	TFTP	TFTP Client

Order Information

Model No.	Description
WD-GS-2210-8S4Fi	L2 Managed, 8*10/100/1000Base-T + 4*1G/1GBase-X
Note: Power supply provided by user or ordered additionally	

For More Information

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