



6-Port 10G Web Managed Ethernet Switch with 2-Port 10G SFP+

Product Description

The 10G04210GSM is a L2 Web Managed Ethernet Switch with 4x10GbE and 2x10GbE SFP+ slots. 4 ethernet ports provide either 100M, 1G, 2.5G, 5G and 10G connectivity, as well as 2 SFP+ Fiber port with 1G or 10G connectivity. Each port automatically detects which speed is needed.

Product Highlight

- 4* 10G RJ45 ports+2* 10G SFP+ ports
- Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3ae, and IEEE 802.3x standards
- RJ45 port supports 100M/1G/2.5G/5G/10G adaptive
- Supports automatic port flipping (Auto MDI/MDIX)
- The panel indicator LEDs will monitor the working status and assist in fault analysis
- Flow control method, IEEE802.3x standard for full duplex and Backpressure standard for half duplex
- Support QoS data priority

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Hardware Features

Description	Specification
Model	10G04210GSM
Interface	4* 10G RJ45 ports 2* 10G SFP+ ports
Port Standard	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab (Gigabit Ethernet) IEEE 802.3bz (5G Ethernet) IEEE 802.3z (Gigabit Ethernet) IEEE 802.3ae (10G Ethernet) IEEE802.3x (Flow Control)
Bandwidth	120Gbps
Packet Forwarding Rate	89.28Mpps
Packet Buffer	12Mbit
MAC Address Table	16K
Jumbo Frame	VLAN range 1-4094, maximum active VLAN is 4K
VLAN	support
Transmission Method	Store and Forward
Power Supply	AC 100-240V 50/60Hz DC 12V 2.5A
Mainboard Power Consumption	24.3W
Structure Information	Product Dimensions :200*118*44mm Packaging Dimensions : 245*190*60mm Product Net Weight:0.66kg Product Gross Weight:0.93kg

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Hardware Features

Description	Specification
Package Information	Carton Dimensions :520*320*400mm Packing Quantity: 20PCS Packing Weight: 18.6kg
Package Contents	Switch 1pcs, ac adapter 1pcs, manual 1pcs
Fan Quantity	1
Installation	Desktop / Wall Mount
Surge Protection	Port Surge: Common mode 4KV,differential mode 2KV;(Class A) Electrostatic ESD: Air 8KV(Class B), Contact 6KV (Class A)
Operating Temperature	0~40°C
Storage Temperature	-40 °C to 70 °C
Operation Humidity	10%~90%, non condensing
Storage Humidity	5%~95%, non condensing
PWR	On: Powered on Off: Powered off
SYS	On: The system is normal Flashing: System startup in progress
1-4	Green Led On: 10G Link normal Yellow Led On: 100M/1G/2.5Gbps Link normal Off: Link blocked Flashing: Data transmitting
5-6	Green Led On: 10G Link normal Yellow Led On: 1G/2.5Gbps Link normal Off: Link blocked Flashing: Data transmitting
RESET	Long press for 6 seconds to restore factory settings

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Software Features

Description	Specification
L2 Function	<ul style="list-style-type: none"> Port Switch configuration Port Description configuration Port Speed configuration Port Duplex configuration Port Flow Control configuration Jumbo Frame EEE
Link Aggregation	<ul style="list-style-type: none"> Supports load balance policy; Base on MAC and IP-MAC Static and Dynamic Group LACP Up to 8 groups
Storm Control	<ul style="list-style-type: none"> Boardcast suppression Unknown Multicast Unknown Unicast
Port Mirroring	<ul style="list-style-type: none"> One to one monitor Many to one monitor Ingress/Egress/Both Up to 4 session groups
Port Security	<ul style="list-style-type: none"> MAC Address Constraints Protect/Restrict/Shutdown
Port Isolation	Support
Port Rate-limit	Support
VLAN	<ul style="list-style-type: none"> Access/Trunk/Hybrid VLAN Tunnel (Q-in-Q Tunnel) VLAN range 1-4094, maximum active VLAN is 4K

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Software Features

Description	Specification
Spanning Tree Protocol	STP/RSTP
	BPDU Filter
	BPDU Guard
	Edge Port
Multicast	IGMP Snooping
	Router Port
	Static IGMP Join
	IGMP V1/V2
QoS	Traffic classification, supporting SP and WRR scheduling
	Port Priority
	802.1P Priority
	IP DSCP Priority
	Priority Remarking
	Supports up to 8 queues per port
ERPS	Main Ring
Services	
Access Protocol	HTTP
	Session Timeout
Security	DHCP Snooping
Diagnostics	
Copper Test	support
Ping	support
Equipment Management	
Manager Acces	HTTP
	SNMP
Manager IP	Static Address
	Manager VLAN
	DNS
	DHCP Client

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Software Features

Description	Specification
SNMP	V2C
	Community
	Trap Host
SNMP MIB	RFC 1213 MIB-II
	RFC 1643 Ethernet MIB
	RFC 2863 Interface MIB
User Management	Support
Firmware Management	Firmware upgrade
Configuration Management	Upload/Backup Configuration
Save	Support
Restart	Support
Factory Defaults	Support
Standard Compliance	
IEEE 802.3x flow control and back pressure	
IEEE 802.3ad port trunk with LACP	
IEEE 802.1D Spanning Tree Protocol	
IEEE 802.1w Rapid Spanning Tree Protocol	
IEEE 802.1p Class of Service	
IEEE 802.1Q VLAN tagging	
RFC 768 UDP	
RFC 793 TFTP	
RFC 791 IP	
RFC 792 ICMP	
RFC 2068 HTTP	
RFC 1112 IGMP v1	
RFC 2236 IGMP v2	
RFC 3376 IGMP v3	

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Product Structure Diagram

