

9-Port Gigabit Industrial Ethernet Switch

MISCOM7209-3GF



- ◆ 3 Gigabit SFP port+6x10/100BaseT(x) port
- ◆ Support indicator status display
- ◆ Support MW-Ring with the recovery time<20ms
- ◆ Support static multicast/IGMP Snooping
- ◆ Support broadcast storm suppression/ Rate limit
- ◆ Support industrial grade dual power input backup
- ◆ Support power-down status relay alarm output
- ◆ Support VLAN/Qos/link aggregation/port mirroring
- ◆ Industrial grade wide temperature/ fanless design

Product Description

MISCOM7209 is a high performance layer 2 industrial Ethernet switch designed by Maiwe for industrial applications. MISCOM7209 is standard 35mm DIN-Rail mountable with 4 Gigabit SFP ports and 16 Gigabit RJ45 ports, which support VLAN, multicast, QoS, MW-Ring and many other Layer 2 software features, and supports a user friendly web console interface for easy configuration , offer you optimum performance and availability for demanding industrial communication.

Technical Specification	
Software performance	
Redundancy protocol	Support MW-Ring and the recovery time<20 ms. Support STP/RSTP
Multicast routing	Support IGMP snooping/ IGMP v1/v2/v3 Support GMRP Support static multicast
Management and maintenance	Support Console and Web management methods Support SNMPv1/v2c Support unified PC software management
Technical specifications	
Ethernet Standard	IEEE802.3-10BaseT IEEE802.3u-100BaseTX/100Base-FX IEEE802.3x-Flow Control IEEE802.3z-1000BaseLX IEEE802.3ab-1000BaseTX IEEE802.1ab IEEE802.1D-Spanning Tree Protocol IEEE802.1w-Rapid Spanning Tree Protocol IEEE802.1Q -VLAN Tagging IEEE802.1p -Class of Service IEEE802.1X-Port Based Network Access Control
Switch properties	
Priority queue	4
VLAN ID	1-4096
IGMP Groups	256
MAC table	8k
Switch Bandwidth	7.2Gbps
Switch Delay	<5μs
Interface	
Gigabit ports	Port numbers:3
	Connector:SFP for fiber port(LC,single or multi mode)or 10/100/1000M adaptive module
	Baud rate:1000Base-LX(fiber port), 10/100/1000M for adaptive 1000Base-Tx
10/100Base port	Port numbers:6
	Connector:9 fixed FX(single/multi mode;SC/FC/ST) or RJ45 port

	Baud rate:100Base-FX;10/100M copper RJ45
Console port	RS232/RJ45
Terminal block for power input	5.08mm terminal block
Terminal block for relay alarm	5.08mm terminal block,1A@24VDC
Communication distance	
Twisted-pair	100m(CAT5/CAT5e cable)
Multimode fiber	Gigabit multimode: 850nm 550m; 10/100Base multimode:1310nm 2km
Single mode fiber	Gigabit single mode: 1310nm 20km; 10/100Base single mode:1310nm 20/40km;1550nm 60/80km
LED indicator lights	
Front panel LED	Port light: LINK/ACT;SPEED; Gx
	Running light: RUN
	Power LED: PWR1/PWR2
Power Requirements	
Power input	DC110-220V(DC110-370V range) or AC100-240V(AC85-264V range) DC12V~DC48V available
Full-load consumption	<6W
Overload protection	support
Inversed protection	support
Redundancy protection	support
Working Environment	
Operating Temperature	-40℃~85℃
Storage temperature	-40℃~85℃
Ambient Humidity	5%~95%(non-condensing)
Physical Characteristics	
Shell	IP40 protection,aluminium alloy shell
Installation	35mm din rail-mounted installation
Dimension	138mmx110mmx54mm
Industry standard	

EMC	EN61000-4-2 (ESD) ,Level 4 EN61000-4-3 (RS) ,Level 4 EN61000-4-4 (EFT) ,Level 4 EN61000-4-5 (Surge) ,Level 4 EN61000-4-6 (CS) ,Level 4 EN61000-4-8,Level 5
Impact	IEC60068-2-27
Falling	IEC60068-2-32
Shock	IEC60068-2-6
Warranty	
Warranty period	5 Years
Certification	CE,FCC,RoHS

Product Ordering Information

Warranty	
MISCOM7210-3GF	3xGigabit SFP+6x10/100baseT(x), standard dual power supply
MISCOM7210-3GF-AD220	3xGigabit SFP+6x10/100baseT(x), standard single power supply