

## MISCOM7209-3GF

### 9-port Gigabit Layer 2 Managed Din-Rail Industrial Ethernet Switch

#### Product description

MISCOM7209 Gigabit Managed Din-Rail Industrial Ethernet Switch provides a high-end industrial Ethernet communication solution for flexible and variable industrial applications, breaking through the 100M backbone network communication bottleneck and making industrial communication smoother, more reliable and faster. MISCOM7209 network management Gigabit industrial Ethernet switch has 6 adaptive 100M electrical ports and 3 Gigabit SFP ports.



#### Features:

- 3 Gigabit SFP ports + 6x10/100BaseT(x) ports
- Support MW-Ring with the recovery time<20ms
- Supports real-time broadcast storm monitoring control/rate limit
- Support static multicast/dynamic IGMP snooping/multicast traffic filtering
- Support Port VLAN/IEEE 802.1q VLAN/QoS/port aggregation/port mirroring/IEEE802.1p/ToS DiffServe
- Embedded web server for remote management and configuration via browser
- Support RMON and private MIB table
- Support power-down status relay alarm output
- Support industrial grade dual power input backup

## Product specification

### Software performance

Redundancy protocol	Support MW-Ring and the recovery time<20ms Support STP/RSTP/MSTP
Multicast routing	Support IGMP snooping/ IGMP v1/v2 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 IEEE802.1D-Spanning Tree Protocol IEEE802.1w-Rapid Spanning Tree Protocol IEEE 802.1s-MSTP IEEE802.1Q -VLAN Tagging IEEE802.1p -Class of Service IEEE802.1X-Port Based Network Access Control
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### Switch properties

Priority queue	4
VLAN ID	1-4096
IGMP Groups	256
MAC table	8k
Switch Bandwidth	7.2Gbps
Switch Latency	<5μs

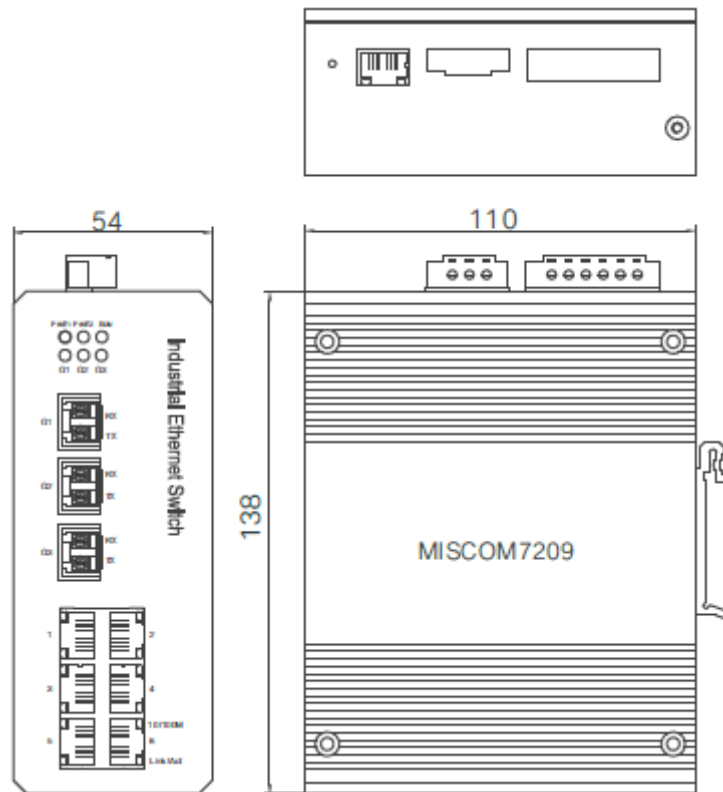
### Interface

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 auto-negotiation 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; auto-negotiation 10/100M copper port

Console port	RS232/RJ45
Terminal block for power input	5.08mm terminal block
Terminal block for relay alarm	5.08mm terminal block,1A@24VDC
<b>Communication distance</b>	
Twisted-pair	100m(CAT5/CAT5e cable)
Multi-mode fiber	Gigabit multi-mode: 850nm 550m; 10/100Base multi-mode:1310nm 2km
Single mode fiber	Gigabit single mode: 1310nm 20km; 10/100Base single mode:1310nm 20/40km;1550nm 60/80km
<b>LED indicator lights</b>	
Front panel LED lights	Port light: LINK/ACT; SPEED; Gx
	Running light: RUN
	Power LED: PWR1/PWR2
<b>Power requirements</b>	
Power input	DC12~48V AD220V
Full-load consumption	<6W
Overload protection	support
Inversed protection	support
Redundancy protection	support
<b>Working environment</b>	
Operating Temperature	-40°C~85°C
Storage temperature	-40°C~85°C
Ambient Humidity	5%~95%( non-condensing)
<b>Physical characteristics</b>	
Shell	IP40 protection, aluminum alloy shell
Installation	35mm din rail-mounted installation
Dimension	138mmx110mmx54mm
<b>Industry standard</b>	
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
<b>Warranty</b>	
Warranty period	5 Years
Certification	CE, FCC, RoHS

## Dimensional drawing



Din-rail mounting (unit: mm)

## Ordering Information

MISCOM7209-3GF	3-port Gigabit SFP + 6-port 10/100Tx, redundant DC12~48V power supply
MISCOM7209-3GF-AD220	3-port Gigabit SFP + 6-port 10/100Tx, AC85-264V/ DC110~370V isolated power supply