MIEN6208

8-Port 10/100M Layer 2 Managed Din-Rail Industrial Ethernet Switch

Product description

MIEN6208 managed din-rail industrial Ethernet switch is designed and developed for industrial high-speed communication network applications. It provides a high-end industrial Ethernet communication solution for flexible industrial applications, making industrial communications smoother, more reliable and faster, meeting the needs of customers for innovative value-added applications. MIEN6208 can be operated at wide temperatures range from -40 to 85°C, and its IP40 casing house satisfies any harsh industrial environment.

Features:

-8x10/100MBased ports (Port configuration see Ordering Information in last page)

-Support MW-Ring with the recovery time<20ms

-Support real-time monitoring of broadcast storm 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

-Support syslog and flow statistics

-Support industrial grade dual power input backup

-Support power-down status relay alarm output

-Industrial grade wide temperature/fanless design

Wuhan Maiwe Communication Co., Ltd
Tel: 027-87170215/16 Fax: 027-87170217
Add: No.52 Liufang Avenue, East lake High-tech Development Zone, Wuhan, China.

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 IEEE 802.1s-MSTP 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	7.6Gbps
Switch Latency	<5μs
Interface	
10/100Base port	Port numbers:8
	Connector: 9 fixed F(x)(Single/multi-mode or SC/FC/ST port available) or RJ45
	Baud rate: 100Base-FX(fiber port), 10/100M auto-negotiation
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)

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Multi-mode fiber	10/100Base multi-mode: 1310nm 2km
Single mode fiber	10/100Base single mode: 1310nm 20/40km; 1550nm 60/80km
LED indicator lights	
Front panel LED lights	Port light: LINK/ACT; SPEED
	Running light: RUN
	Power LED: PWR1/PWR2
Power requirements	
Power input	DC12~48V DC48V AD220V
Full-load consumption	<8W
Overload protection	support
Inversed protection	support
Redundancy protection	support
Working environment	
Operating temperature	-40°C~85°C
Storage temperature	-40°C~85°C
Ambient humidity	5%~95%(non-condensing)
Physical characteristics	
Shell	IP40 protection, aluminum alloy shell
Installation	35mm din rail-mounted installation
Dimension	54mmx144mmx110mm
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

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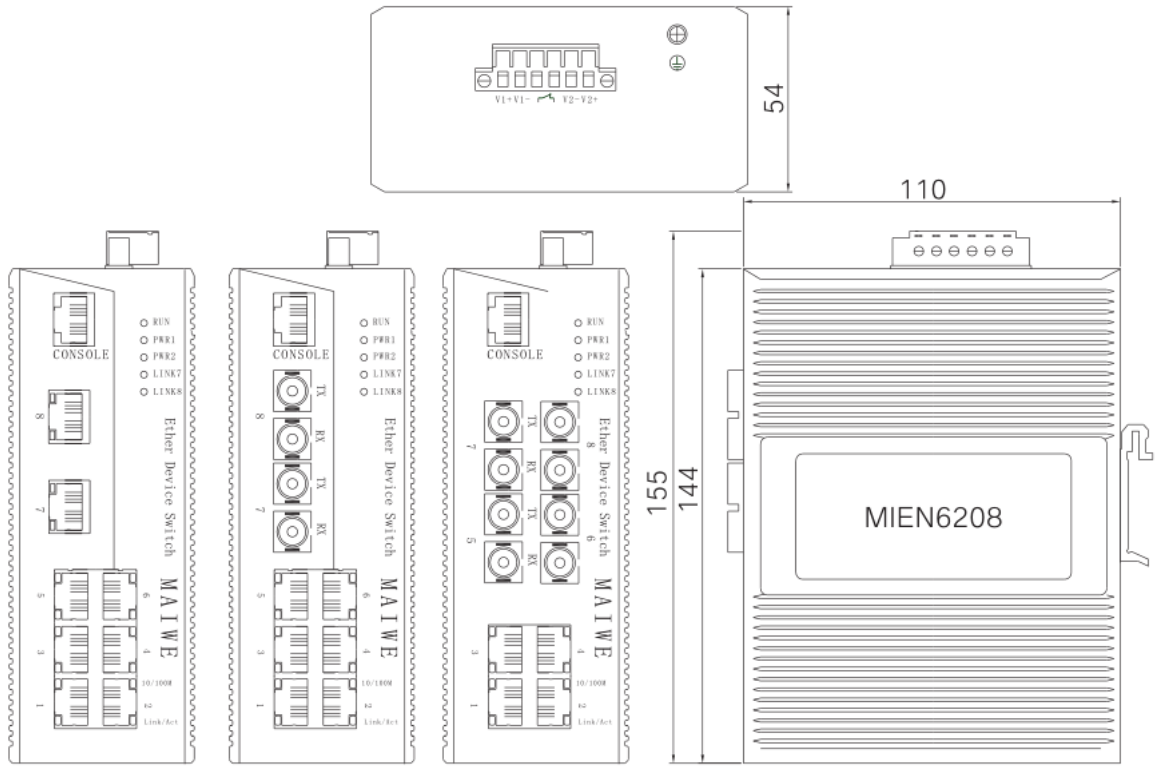
Dimensional drawing



Din-rail mounting (unit: mm)

Ordering Information

MIEN6208	8-port 10/100Tx, redundant DC12~48V power supply
MIEN6208-DC48	8-port 10/100M Tx, redundant DC48V (36~72V) power supply
MIEN6208-AD220	8-port 10/100M Tx, single AC85-264V/ DC110~370V isolated power supply
MIEN6208-2F(M/S)	2-port 100M Fx + 6-port 10/100M Tx, redundant DC12~48V wide voltage power supply
MIEN6208-2F(M/S)-DC48	2-port 100Fx + 6-port 10/100Tx, redundant DC48V (36~72V) power supply
MIEN6208-2F(M/S)-AD220	2-port 100Fx + 6-port 10/100Tx, AC85-264V/ DC110~370V isolated power supply
MIEN6208-4F(M/S)	4-port 100Fx + 4-port 10/100M Tx, redundant DC12~48V power supply
MIEN6208-4F(M/S)-DC48	4-port 100Fx + 4-port 10/100M Tx, redundant DC48V (36~72V) power supply
MIEN6208-4F(M/S)-AD220	4-port 100M Fx + 4-port 10/100M Tx, AC85-264V/ DC110~370V isolated power supply

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