

20-Port 10/100Base Industrial Ethernet Switch

MIEN6220-4F



- ◆ 4x10/100BaseF(x) port+16x10/100BaseT(x)
- ◆ 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/Port link aggregation/port mirroring
- ◆ Industrial grade wide temperature/ fanless design

Product Description

MIEN6220 is a din-rail 100M managed industrial Ethernet switch with 16 adaptive 10/100MT(x) and 4x10/100MF(x), which designed for industrial high-speed communication network applications from Maiwe. It engineered to deliver Smooth, fast, reliable network connectivity and durability in the most flexible and demanding industrial applications, which provide a advanced industrial Ethernet communication solutions that can meet your Continuously innovate requiements for value-added applications.

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 IEEE802.1D-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	4Gbps
Switch Delay	<5μs
Interface	
10/100Base ports	Port numbers:20
	Connector:9 fixed F(x)(Single/multi mode or SC/FC/ST port available)
	Baud rate:100Base-FX(fiber port),adaptive 10/100Base-Tx
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	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	Port light: LINK/ACT;SPEED;
	Running light: RUN
	Power LED: PWR1/PWR2
Power Requirements	
Power input	DC110~220V (DC110~370V range) or AC100~240V (AC85~264V range) DC12V/DC24V/DC48V available
Full-load consumption	< 12W
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	72mmx140mmx110mm(WxHxD)
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

MIEN6220-4F(S/M)-DC24	4x10/100baseF(x)+16x10/100baseT(x), standard dual power supply
MIEN6220-4F(S/M)-AD220	4x10/100baseF(x)+16x10/100baseT(x), standard single power supply