

## 18-Port 10/100Base Industrial Ethernet Switch

### MIEN6218-2F



- ◆ 2x10/100BaseF(x) port+16x10/100BaseT(x)
- ◆ Support indicator status display
- ◆ Support MW-Ring with the recovery time<20ms
- ◆ Supports static multicast/IGMP Snooping
- ◆ Supports 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

MIEN6218 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 requiemnts for value-added applications.

Technical Specification	
<b>Software performance</b>	
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
<b>Technical specifications</b>	
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
<b>Switch properties</b>	
Priority queue	4
VLAN ID	1-4096
IGMP Groups	256
MAC table	8k
Switch Bandwidth	4Gbps
Switch Delay	<5μs
<b>Interface</b>	
10/100Base ports	Port numbers:18
	Connector:9 fixed F(x)(Single/multi mode or SC/FC/ST port available) or RJ45
	Baud rate:100Base-FX(fiber port), 10/100/1000M for adaptive 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)
Multimode fiber	10/100Base multi mode:1310nm 2km
Single mode fiber	10/100Base single mode:1310nm 20/40km;1550nm 60/80km
<b>LED indicator lights</b>	
Front panel LED	Port light: LINK/ACT;SPEED;
	Running light: RUN
	Power LED: PWR1/PWR2
<b>Power Requirements</b>	
Power input	DC110~220V (DC110~370V range) or AC100~240V (AC85~264V range) DC12V/DC24V/DC48V available
Full-load consumption	< 10W
Overload protection	support
Inversed protection	support
Redundancy protection	support
<b>Working Environment</b>	
Operating Temperature	-40℃~85℃
Storage temperature	-40℃~85℃
Ambient Humidity	5%~95%( non-condensing)
<b>Physical Characteristics</b>	
Shell	IP40 protection,aluminium alloy shell
Installation	35mm din rail-mounted installation
Dimension	72mmx144mmx110mm(WxHxD)
<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

**Warranty**

Warranty period	5 Years
Certification	CE/FCC/RoHS

**Product Ordering Information**

**Warranty**

MIEN6218-2F(S/M)-DC24	2x10/100baseF(x)+16x10/100baseT(x), standard dual power supply
MIEN6218-2F(S/M)-AD220	2x10/100baseF(x)+16x10/100baseT(x), standard single power supply