

24x10/100M ports rack-mount layer 2 unmanaged industrial Ethernet switch

MIEN3024



Product Features:

- ◆ 24x10/100M fiber or RJ45 ports are available , flexible ports configuration
- ◆ Support status display with front and back sides indicator lights
- ◆ Start working once connected, quick and convenient
- ◆ Support isolated power supply, optional dual redundant power supply
- ◆ Support power-down status reply alarm output.
- ◆ Wide temperature range design , fanless thermal design
- ◆ Satisfy harsh industrial environment

Product Description

The **MIEN3024** series rack-mount layer 2 unmanaged industrial Ethernet switch are Ethernet communication product developed by Maiwe for industrial communication. MIEN3024 series can work once connected, All electrical ports support auto-negotiation and automatic MDI / MDI-X functions. It provides redundant power support to provide a wide range of DC and AC power inputs at the same time.

Technical Specification

Technical parameters	
Protocol Standard	IEEE802.3(Ethernet)、IEEE802.3u (100Base-TX&100Base-FX)、IEEE802.3x (Flow control)
Switch capability	
MAC Table Size	8k
Backplane bandwidth	5.6Gbps
Switch Delay	<5μs
Interface	
100M port	Number:24
	Connector:1×9 fixed optical port(single/mulimode optional,SC/FC/ST interface) or RJ45 100M TX port
	Baud rate:100Base-FX(Optical port),Self-adaption 10/100Mbase-TX
Console port	RS232, RJ45 interface
Terminal block for power input	MIEN3024、MIEN3024-4/8S/M 7.62mm terminal block MIEN3024-12/16/24S/M 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	100M multimode:1310nm, 2km
Singlemode fiber	100M singlemode:1310nm, 20/40km; 1550nm, 60/80km
LED indicator lights	
Front panel LED lights	Port light:LINK/ACT;SPEED
	System work light:RUN
	Power status light:PWR1; PWR2;
	Alarm light:ALARM
Back panel LED lights	RJ45 Port indicator light:LINK/ACT;SPEED
	Fiber indicator light:LINK/ACT
Power	
Input power	DC110~220V (Wide temperature:DC110~370V) orAC100~240V (Wide temperature:AC85~264V) Support optional DC24V、DC48V
Power consumption	<25W@(MAX)
Overload protection	support
Inversed protection	support
Redundancy protection	Support
Working Environment	
Operating Temperature	-40℃~85℃
Storage temperature	-45℃~85℃
Ambient Humidity	5%~95%
Physical Characteristics	
Shell	IP40 protection,aluminium alloy shell
Installation	Standard 19-inch rack mounting, Support front and rear outlet installation
Dimension	MIEN3024、MIEN3024-4/8S/M 482.6mm×44mm×210mm (W×H×D) MIEN3024-12/16/24S/M 482.6mm×44mm×315mm (W×H×D)
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	5 Years
Certification	CE,FCC,RoHS

Product Ordering Information

Warranty	
MIEN3024-AD220	24x10/100M RJ45 ports,single power in standard
MIEN3024-AD220	4x100M FX ports,20x10/100M RJ45 ports,single power in standard
MIEN3024-8F(S/M)-AD220	8x100M FX ports+16x10/100M RJ45 ports,single power in standard
MIEN3024-12F(S/M)-AD220	12x100M FX ports,12x10/100M RJ45 ports,single power in standard
MIEN3024-16F(S/M)-AD220	16x100M FX ports,8x10/100M RJ45 ports,single power in standard
MIEN3024-24F(S/M)-AD220	24x100M FX ports,single power in standard