

## MIEN6026

### 26-port 100M rack mount layer 2 managed industrial Ethernet switch

#### Product description

MIEN6026 series layer 2 industrial Ethernet switch is an industrial Ethernet communication product developed by Maiwe for industrial communication. The product uses high-performance industrial-grade switch chip. MIEN6026 series switches have 26 100M ports, support photoelectric port optional, and have AC220V/DC110V industrial power input function, which can improve the stability of network communication and save wiring.



#### Features:

- Support 1x100M FX port+24x10/100M RJ45 ports or 2x100M FX ports+24x10/100M RJ45 ports
- Support status display with front and back side indicator lights
- Support MW-Ring patent redundancy technique (failure recovery time <20ms)
- Support static multicast filtering, IGMP Snooping
- Supports broadcast storm suppression and port rate control
- Support isolated power supply, optional dual redundant power supply
- Support power off, fiber off, storm and other status relay alarm output
- Support managed function such as VLAN, QoS, Trunking, and port mirroring
- Wide temperature range design, fanless thermal design
- Satisfy harsh industrial environment

## Product specification

### Software function

Switch Properties	Supports Rate limit, Trunking, flow control, VLAN, IEEE 802.1Q VLAN and broadcast storm suppression
Redundancy Protocols	Support MW-Ring patent redundancy technique (failure recovery time <20ms) Support STP/RSTP
Multicast	IGMP Snooping and static multicast filtering
Security	Support IEEE 802.1x,HTTP,RADIUS,user grading and MAC address binding
Service quality management	Supports SP and WRR queuing. Support QoS setting
IP address management	Support DHCP server
Management and maintenance	Supports Console, Web management methods Support SNMPv1/v2c, Centralized management via MWview Support software updating Support the IP/MAC address conflict alarm Support power off, power alarm, port alarm Support port mirroring; Support log viewing Support Link-check and NTP Support accept and transfer frame statistics

### Technical parameters

Protocol Standard	IEEE802.3,IEEE802.3u (100Base-TX&100Base-FX),IEEE802.3x (Flow control),IEEE802.1D(STP),IEEE802.1w (RSTP),IEEE802.1Q (VLAN),IEEE802.1p (Priority),IEEE802.1x(Access control)
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### Switch capability

Priority Queues	4
VLAN Number	4096
IGMP Multicast group	256
MAC Table Size	8K
Backplane bandwidth	8.8Gbps
Switch Delay	<5μs

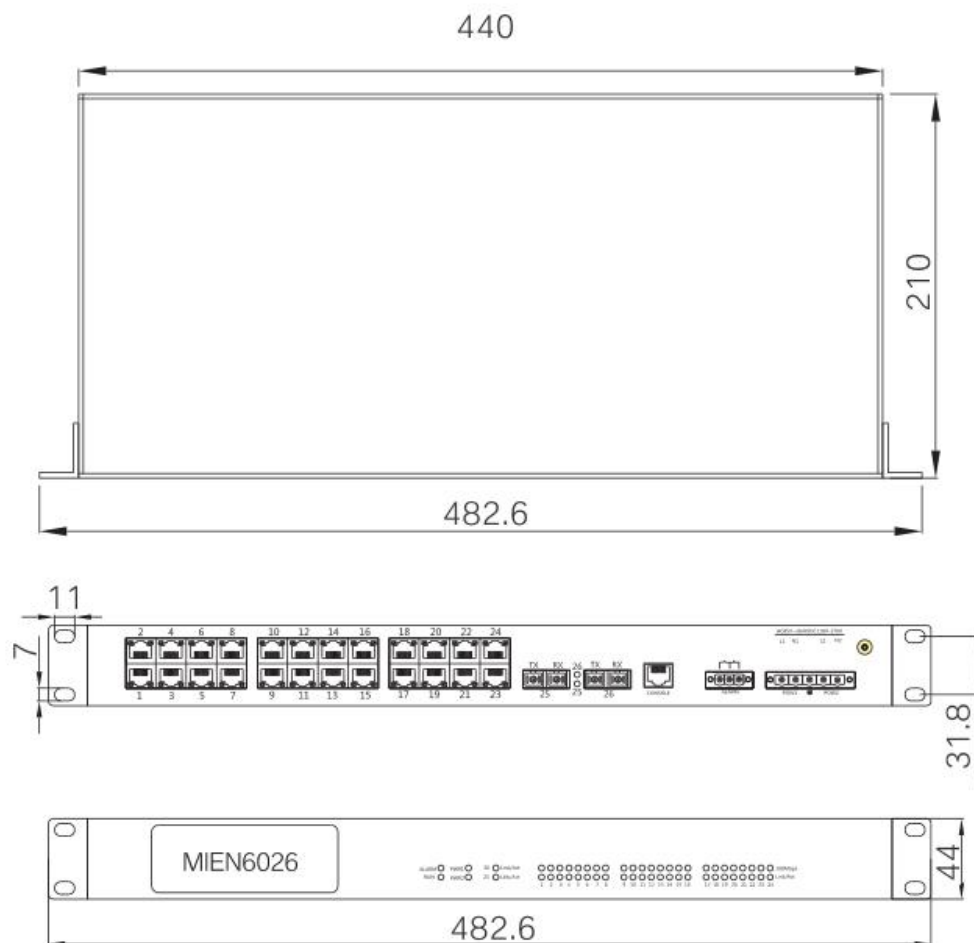
### Interface

100M ports	Port numbers:26
	Connector: 1×9 fixed fiber port (single/ multi-mode optional, SC/FC/ST interface)& RJ45 100M RJ45 port
	Baud rate: 100Base-FX (fiber port), Self-adaption 10/100MBase-TX

Console port	RS232, RJ45
Terminal block for relay alarm	5.08mm terminal block, 1A@24VDC
Terminal block for power input	7.62mm terminal block
<b>Communication distance</b>	
Twisted-pair	100m(CAT5/CAT5e cable)
Multi-mode fiber	100M multi-mode:1310nm,2km
Single-mode fiber	100M single-mode:1310nm,20/40km;1550nm,60/80km
<b>LED indicator lights</b>	
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 light: LINK/ACT;SPEED
	Fiber light: LINK/ACT
<b>Power</b>	
Input power	AC/DC220V(85-264VAC/110-370VDC)
Power consumption	<25W@(MAX)
Overload protection	Support
Reverse protection	Support
Redundancy protection	Support
<b>Working Environment</b>	
Operating Temperature	-40°C~85°C
Storage temperature	-45°C~85°C
Ambient Humidity	5%~95%
<b>Physical Characteristics</b>	
Shell	IP40 protection, aluminum alloy shell
Installation	Standard 19-inch rack mounting,
Dimension	482.6mm×44mm×210mm (W×H×D)
<b>Industry standard</b>	
EMC	EN61000-4-2(ESD), Level 4

	EN61000-4-3(RS), 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	5 Years
<b>Certification</b>	
Certification	CE, FCC, RoHS

## Dimensional drawing



Rack mounting (unit: mm)

## Ordering information

MIEN6026-M-SC02-AD220	1x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Multi-mode,SC connector, 2KM
MIEN6026-M-ST02-AD220	1x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Multi-mode,ST connector, 2KM
MIEN6026-M-FC02-AD220	1x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Multi-mode,FC connector, 2KM
MIEN6026-2M-SC02-AD220	2x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Multi-mode,SC connector, 2KM
MIEN6026-2M-ST02-AD220	2x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Multi-mode,ST connector, 2KM
MIEN6026-2M-FC02-AD220	2x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Multi-mode,FC connector, 2KM
MIEN6026-S-SC20-AD220	1x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Single-mode,SC connector, 20KM
MIEN6026-S-ST20-AD220	1x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Single-mode,ST connector, 20KM
MIEN6026-S-FC20-AD220	1x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Single-mode,FC connector, 20KM
MIEN6026-2S-SC20-AD220	2x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Single-mode,SC connector, 20KM
MIEN6026-2S-ST20-AD220	2x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Single-mode,ST connector, 20KM
MIEN6026-2S-FC20-AD220	2x100M fiber port +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply.Single-mode,FC connector, 20KM