

MIGE3028-4GF

28-port Gigabit Rack-mount Unmanaged Industrial Ethernet switch

Product description

The MIGE3028 series layer 2 unmanaged Industrial Ethernet Switch are Ethernet communication product developed by Maiwe for industrial communication. The product uses high-performance industrial-grade switch chip. It supports 4 Gigabit SFP +24x10/100M FX/TX ports, with AD220V power input.



Features:

- 4 Gigabit fiber ports +24 100M ports for fiber or RJ45 ports optional, flexible ports configuration
- Support status display with front and back side indicator lights
- Start work 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 specification

Technical parameters

Protocol Standard	IEEE802.3Ethernet), IEEE802.3u(100Base-TX&100Base-FX), IEEE802.3x(Flow control), IEEE802.3ab(1000Base-T), IEEE802.3z(1000Base-LX)
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Switch capability

MAC Table Size	8k
Backplane bandwidth	12.8Gbps
Switch Delay	<5μs

Interface

Gigabit port	Port numbers: 4
	Connector: SFP optical port (LC interface, single/multi-mode optional) or 10/100/1000M adaptive RJ45 ports
	Baud rate: 1000Base-LX (fiber port)
100M port	Number: 24
	Connector: 1×9 fixed fiber port(single/multi-mode optional, SC/FC/ST interface) or RJ45 100M TX port
	Baud rate: 100Base-FX(fiber port), Self-adaption 10/100Mbase-TX
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)
Multi-mode fiber	1000M multi-mode:850nm, 500m; 100M multi-mode: 850nm 2km; 1310nm, 2km
Single-mode fiber	1000M single-mode: 1310nm, 20km; 100M single-mode: 1550nm, 60/80km

LED indicator lights

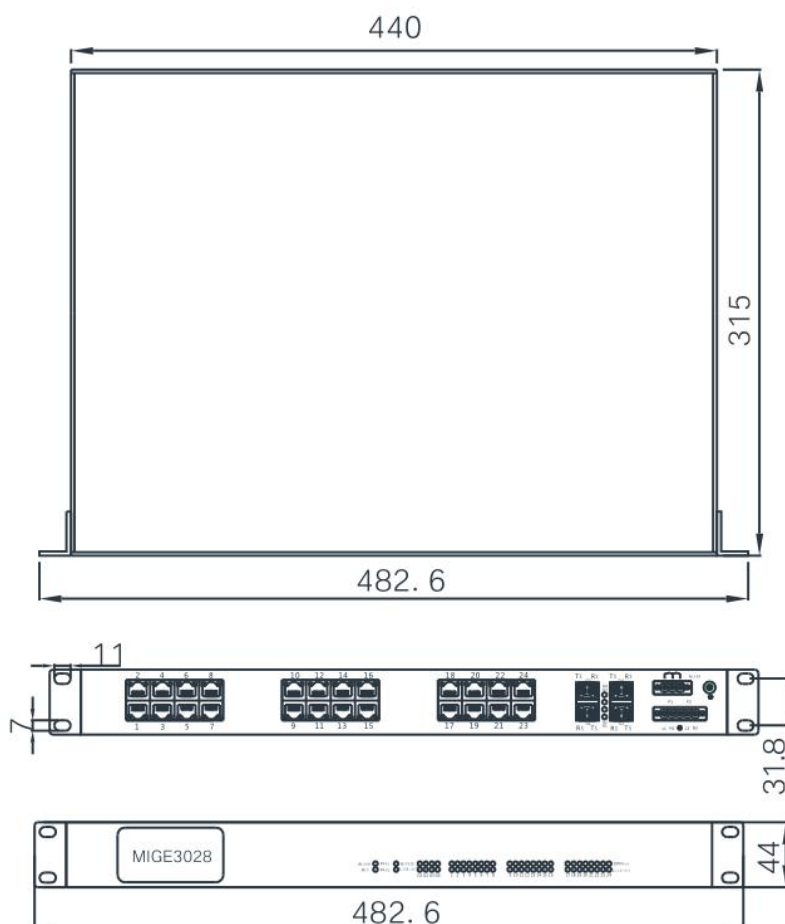
Front panel LED lights	Port light: LINK/ACT; SPEED
	System work light: RUN
	Power status light: PWR1; PWR2;
	Alarm light: ALARM
Back panel LED lights	RJ45 Port indicator light: LINK/ACT; SPEED
	Fiber indicator light: LINK/ACT

Power

Input power	AD220V (85-264VAC / 110-370VDC)
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Power consumption	<40W@(MAX)
Overload protection	Support
Reverse protection	Support
Redundancy protection	Support
Working Environment	
Operating Temperature	-40°C~85°C
Storage temperature	-45°C~85°C
Ambient Humidity	5%~95%
Physical Characteristics	
Shell	IP40 protection, aluminum alloy shell
Installation	Standard 19-inch rack mounting,
Dimension	482.6mmx44mmx315mm
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	
Certification	CE, FCC, RoHS

Dimensional drawing



Rack mount (unit: mm)

Ordering Information

MIGE3028-4GF-AD220	4 Gigabit SFP ports +24x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply
MIGE3028-4GF-4M-SC02-AD220	4 Gigabit SFP ports +4x100M fiber ports +20x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,multi-mode,SC connector.2km.
MIGE3028-4GF-4M-ST02-AD220	4 Gigabit SFP ports +4x100M fiber ports +20x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,multi-mode,ST connector.2km.
MIGE3028-4GF-4M-FC02-AD220	4 Gigabit SFP ports +4x100M fiber ports +20x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,multi-mode,FC connector.2km.
MIGE3028-4GF-4S-SC20-AD220	4 Gigabit SFP ports +4x100M fiber ports +20x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,single-mode,SC connector.20km.
MIGE3028-4GF-4S-ST20-AD220	4 Gigabit SFP ports +4x100M fiber ports +20x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,single-mode,ST connector.20km.
MIGE3028-4GF-4S-FC20-AD220	4 Gigabit SFP ports +4x100M fiber port +20x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,single-mode,FC connector.20km.

MIGE3028-4GF-8M-S C02-AD220	4 Gigabit SFP ports +8x100M fiber ports+16x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,multi-mode,SC connector.2km
MIGE3028-4GF-8M-S T02-AD220	4 Gigabit SFP ports +8x100M fiber ports+16x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,multi-mode,ST connector.2km
MIGE3028-4GF-8M-F C02-AD220	4 Gigabit SFP ports +8x100M fiber ports+16x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,multi-mode,FC connector.2km
MIGE3028-4GF-8S-S C20-AD220	4 Gigabit SFP ports +8x100M fiber ports+16x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,single-mode,SC connector.20km
MIGE3028-4GF-8S-ST 20-AD220	4 Gigabit SFP ports +8x100M fiber ports+16x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,single-mode,ST connector.20km
MIGE3028-4GF-8S-FC 20-AD220	4 Gigabit SFP ports +8x100M fiber ports+16x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,single-mode,FC connector.20km
MIGE3028-4GF-12M- SC02-AD220	4 Gigabit SFP ports +12x100M fiber ports+12x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,multi-mode,SC connector.2km
MIGE3028-4GF-12M- ST02-AD220	4 Gigabit SFP ports +12x100M fiber ports+12x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,multi-mode,ST connector.2km
MIGE3028-4GF-12M-F C02-AD220	4 Gigabit SFP ports +12x100M fiber ports+12x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,multi-mode,FC connector.2km
MIGE3028-4GF-12S-S C20-AD220	4 Gigabit SFP ports +12x100M fiber ports+12x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,single-mode,SC connector.20km
MIGE3028-4GF-12S-S T20-AD220	4 Gigabit SFP ports +12x100M fiber ports+12x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,single-mode,ST connector.20km
MIGE3028-4GF-12S-F C20-AD220	4 Gigabit SFP ports +12x100M fiber ports+12x10/100M RJ45 ports, single AC85-264V/ DC110~370V isolate power supply,single-mode,FC connector.20km
MIGE3028-4GF-24M- SC02-AD220	4 Gigabit SFP ports +24x100M fiber ports, single AC85-264V/ DC110~370V isolate power supply,multi-mode,SC connector.2km
MIGE3028-4GF-24M- ST02-AD220	4 Gigabit SFP ports +24x100M fiber ports, single AC85-264V/ DC110~370V isolate power supply,multi-mode,ST connector.2km
MIGE3028-4GF-24M-F C02-AD220	4 Gigabit SFP ports +24x100M fiber ports, single AC85-264V/ DC110~370V isolate power supply,multi-mode,FC connector.2km
MIGE3028-4GF-24S-S C20-AD220	4 Gigabit SFP ports +24x100M fiber ports, single AC85-264V/ DC110~370V isolate power supply,single-mode,SC connector.20km
MIGE3028-4GF-24S-S T20-AD220	4 Gigabit SFP ports +24x100M fiber ports, single AC85-264V/ DC110~370V isolate power supply,single-mode,ST connector.20km
MIGE3028-4GF-24S-F C20-AD220	4 Gigabit SFP ports +24x100M fiber ports, single AC85-264V/ DC110~370V isolate power supply,single-mode,FC connector.20km