

MIGE2210

10-port Din-Rail Layer 2 Unmanaged Industrial Ethernet Switch

Product description

MIGE2210 is a high-performance unmanaged industrial Ethernet switch with 2 Gigabit ports and 8 100M ports which support 10/100M auto-sensing, it is suitable for applications with large bandwidth requirements. This product has a power failure alarm output function, which is convenient for field engineers to find and handle faults in time. The standard 35mm pitch DIN rail mounting method is ideal for industrial field installation applications. MIGE2210 can be operated at wide temperatures range from -40 to 85°C, and its IP40 casing house satisfies any harsh industrial environment.



Features:

- 2 Gigabit ports + 8 100M ports (Port configuration see Ordering Information in last page)
- Support 10Base-T/100Base-TX/1000Base-T adaptive port (full/half duplex), automatic MDI/MDI-X connection
- Industrial grade power supply with anti-reverse/overcurrent/overvoltage/EMC protection
- Compact IP40 rated casing house with fanless design
- Support power-down status reply alarm output
- Support status display indicator lights
- Support storm suppression function
- Support MAC address fast learning and aging
- Wide temperature range from -40 to 85°C
- Satisfy harsh industrial environment

Product specification

Technical Parameters

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

MAC Table Size	8k
Switch Bandwidth	5.6Gbps
Switch Delay	<5 μ s

Interface

Gigabit port	Number: 2
	Connector: Gigabit SFP port(LC interface, single/multimode optional) or 1000M RJ45 port
	Baud rate: 1000Base-FX,10/100/1000Tx auto-negotiation
100M port	Number: 8
	Connector: 1 \times 9 fixed fiber port(single/multimode optional, SC/FC/ST interface) or RJ45 100M TX port
	Baud rate:100Base-FX(fiber port), Self-adaption 10/100Mbase-TX
Terminal block for relay alarm	5.08mm terminal block, 1A@24VDC
Terminal block for power input	5.08mm terminal block

Communication Distance

Twisted-pair	100m(CAT5/CAT5e cable)
Multimode fiber	100M multimode: 850nm, 2km; Gigabit multimode: 850nm, 500m
Single mode fiber	100M single mode: 1310nm, 20/40km, 1550nm, 60/80km; Gigabit single mode: 1310nm, 20km;

LED Indicator Lights

Front panel LED lights	Port light: LINK/ACT; SPEED
	System work light: RUN
	Power status light: PWR1/PWR2

Power

Input power	DC12~48V
	DC48V
	AD220V
Power consumption	<6.4W@(MAX)
Overload protection	support
Inversed protection	support

Working Environment

Operating temperature	-40°C~85°C
Storage temperature	-40°C~85°C
Ambient humidity	5%~95%

Physical Characteristics

Shell	IP40 protection, aluminum alloy shell
Installation	Standard 35mm DIN-rail Mounting
Dimension	54.0mm*144.0mm*110.0m (W×H×D)

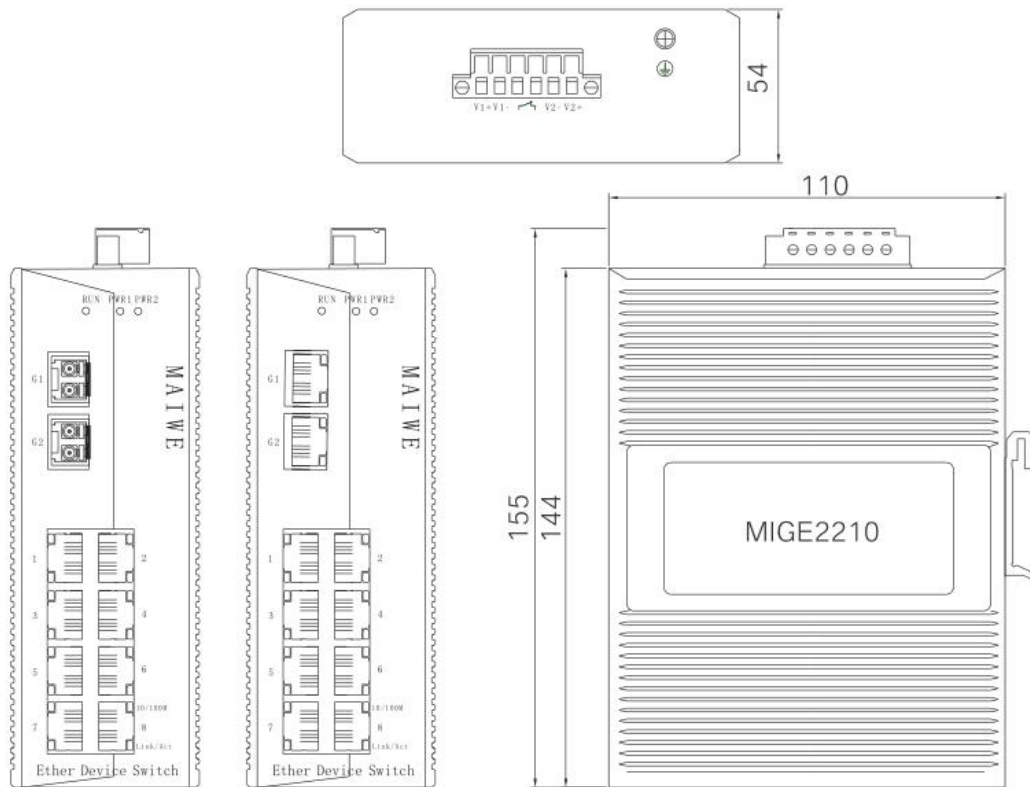
Industry Standard

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

Dimensional drawing



Din-rail mounting (unit: mm)

Ordering information

MIGE2210-2GT	2-port 10/100/1000Tx + 8-port 10/100Tx, redundant DC12~48V power supply
MIGE2210-2GT-DC48	2-port 10/100/1000Tx + 8-port 10/100Tx, redundant DC48V(DC36~72V) power supply
MIGE2210-2GT-AD220	2-port 10/100/1000Tx + 8-port 10/100Tx, AC85-264V/DC110~370V isolated power supply
MIGE2210-2GF	2-port Gigabit SFP + 8-port 10/100Tx, redundant DC12~48V power supply
MIGE2210-2GF-DC48	2-port Gigabit SFP + 8-port 10/100Tx, redundant DC48V(DC36~72V) power supply
MIGE2210-2GF-AD220	2-port Gigabit SFP + 8-port 10/100Tx, AC85-264V/DC110~370V isolated power supply
MIGE2210-2GF-4M-SC02	2-port Gigabit SFP + 4-port 100FX +4-port 10/100Tx, redundant DC12~48V power supply,Multi-mode,SC connector,2KM
MIGE2210-2GF-4M-ST02	2-port Gigabit SFP + 4-port 100FX +4-port 10/100Tx, redundant DC12~48V power supply,Multi-mode,ST connector,2KM
MIGE2210-2GF-4M-FC02	2-port Gigabit SFP + 4-port 100FX +4-port 10/100Tx, redundant DC12~48V power supply,Multi-mode,FC connector,2KM

MIGE2210-2GF-4S-SC20	2-port Gigabit SFP + 4-port 100FX +4-port 10/100Tx, redundant DC12~48V power supply,Single-mode,SC connector,20KM
MIGE2210-2GF-4S-ST20	2-port Gigabit SFP + 4-port 100FX +4-port 10/100Tx, redundant DC12~48V power supply,Single-mode,ST connector,20KM
MIGE2210-2GF-4S-FC20	2-port Gigabit SFP + 4-port 100FX +4-port 10/100Tx, redundant DC12~48V power supply,Single-mode,FC connector,20KM
MIGE2210-2GF-4M-SC02-DC48	2-port Gigabit SFP + 4-port 100FX +4-port 10/100Tx, redundant DC48V(DC36~72V) power supply,Multi-mode,SC connector,2KM
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