

MIGE2205G

5-port Full Gigabit Din-Rail Layer 2 Unmanaged Industrial Ethernet Switch

Product description

MIGE2205G is a high-performance unmanaged industrial Ethernet switch with compact Din-Rail design uses for high-speed communication network applications. It supports 10/100/1000M auto-adaptive, which is suitable for applications with large bandwidth requirements. It has a power failure alarm output function, which is convenient for field engineers to find and handle faults in time. MIGE2205G series can be operated at wide temperatures range from -40 to 85°C, and its IP40 casing house satisfies any harsh industrial environment.



Features:

- 5-port 10/100/1000 TX or 4-port 10/100/1000 TX +1-port Gigabit SFP
- Support 10Base-T/100Base-TX/1000Base-T Adaptive Port (full/half duplex), Automatic MDI/MDI-X Connection
- Compact IP40 Rated Casing House with Fanless Design
- Industrial Grade Power Supply with Anti-reverse/Overcurrent/Overvoltage/EMC Protection
- Lightning Protection Standard 10/700us: CM 6kV-150A and DM 2kV-50A
- 40°C ~85°C Operating Temperature
- Wide-Ranging Redundant Power Design
- Satisfy Harsh Industrial Environment

Product specifications

Technical Parameters

Protocol Standard	IEEE802.3, IEEE802.3u(100Base-TX&100Base-FX), IEEE802.3x(Flow control)
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Switch Capability

MAC Table Size	4k
Switch Bandwidth	1.4Gbps
Packet Cache	1Mbit
Switch Latency	<5μs

Interface

Gigabit port	Number: 5-port 10/100/1000Tx or 1-port Gigabit SFP + 4-port 10/100/1000Tx
	Connector: SFP Gigabit port(LC interface, single/multi-mode optional) or Gigabit RJ45 port
	Baud rate: 1000Base-FX,10/100/1000Tx auto-negotiation
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	Gigabit multimode: 850nm, 500m
Single mode fiber	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

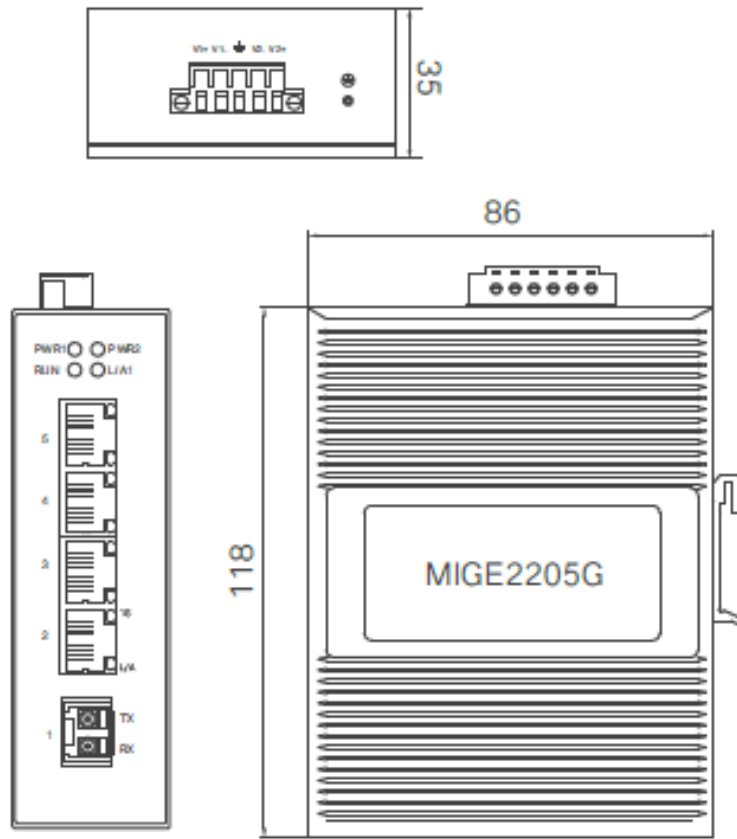
Input power	DC12~48V DC48V AD220V
Power consumption	<3.7W@(MAX)
Overload protection	support
Inversed protection	support

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	118mm*35mm*86mm
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

MIGE2205G-5GT	5-port 10/100/1000Tx, redundant DC12~48V power supply
MIGE2205G-5GT-DC48	5-port 10/100/1000Tx, redundant DC36~72V power supply
MIGE2205G-5GT-AD220	5-port 10/100/1000Tx, AC85-264V/ DC110~370V isolated power supply
MIGE2205G-GF-4GT	1-port Gigabit SFP + 4-port 10/100/1000Tx, redundant DC12~48V power supply
MIGE2205G-GF-4GT-DC48	1-port Gigabit SFP + 4-port 10/100/1000Tx, redundant DC12~48V power supply
MIGE2205G-GF-4GT-AD220	1-port Gigabit SFP+ 4-port 10/100/1000Tx, AC85-264V/ DC110~370V isolated power supply