

## MIGE2205G

### 5-port layer 2 unmanaged full Gigabit din-rail industrial Ethernet switch

#### Product description

MIGE2205G industrial Ethernet switch with compact Din-Rail designed for high-speed communication network applications. It provides a high-performance industrial Ethernet communication solution for flexible and changeable industrial applications, making communication more reliable and faster. And it extend operating temperature range from -40°C to 85°C for the harsh environments.



#### Features:

- Support 5-port Gigabit SFP or RJ45
- Store and Forward Switching Architecture
- Flow Control on Full-Duplex
- Back Pressure on Half-Duplex
- Supports Auto MDI/MDI-X Function
- Built in 1-relay alarm for power failure
- Compact IP40 rated housing with fanless design
- -40°C~85°C operating temperature
- Wide-Ranging Redundant Power Design
- DIN-Rail and Wall Mount Design

## Product specifications

### Technical parameters

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

MAC Table Size	4k
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Switch Latency	<5μs
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### Interface

100M port	Number: 5
	Connector: 1×9 fixed optical port(single/multimode optional, SC/FC/ST interface) or RJ45 100M FX port
	Baud rate: 100Base-FX(Optical port), auto-negotiation 10/100M-TX

Terminal block for power input	5.08mm terminal block
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### Communication distance

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

Front panel LED lights	Port light: LINK/ACT; SPEED;
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Power status light: PWR
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### Power

Input power	Support DC12~48V, DC48V
	Support DC110~220V (DC110~370V wide voltage range) or DC100~240V (AC85~264V wide voltage range)

Power consumption	<3.7W@(MAX)
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Overload protection	support
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Inversed protection	support
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### Working Environment

Operating Temperature	-40°C~85°C
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Storage temperature	-40°C~85°C
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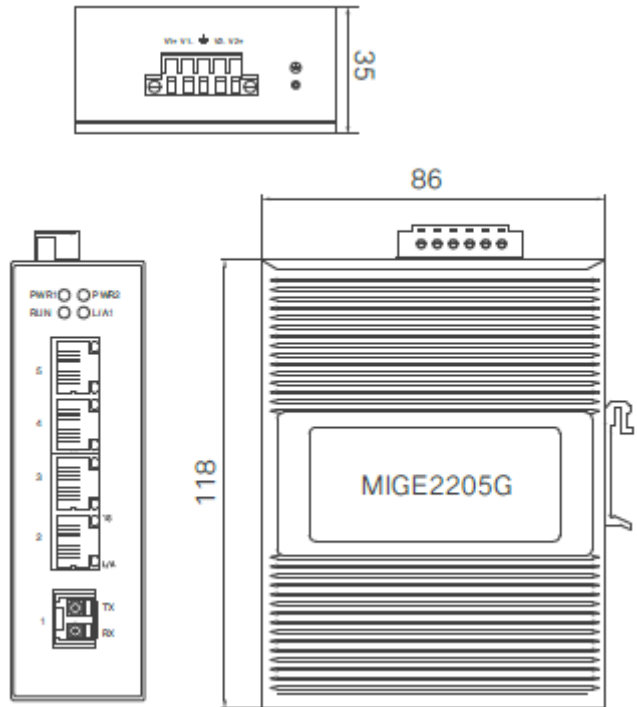
Ambient Humidity	5%~95%
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### Physical Characteristics

Shell	IP40 protection, aluminum alloy shell
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Installation	Standard 35mm DIN-rail Mounting
Dimension	118mm*35mm*86mm
<b>Industry standard</b>	
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
<b>Warranty</b>	
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
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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.