MIGE1203G-GF-2GT

Gigabit Industrial Media Converter

Product description

MIGE1203G series of unmanaged Industrial Ethernet Switches are designed and developed for industrial high-speed communication network applications. It provides a high-end industrial Ethernet communication solution for flexible industrial applications, making industrial communications smoother, more reliable and faster, satisfying customers to innovate for value-added applications. It's a full Gigabit converter with 3 ports, 2 10/100/1000M adaptive copper ports and 1 gigabit fiber port, making it ideal for applications with large bandwidth requirements.

Features:

- 1 Gigabit SFP port+2 Gigabit RJ45 port

- Ready to use, convenient and fast;

- Support indicator status display

- Support industrial power supply

- Industrial grade wide temperature/ fanless design

- Meet the Ethernet access requirements of general application environments

- 10/100/1000Base-T adaptive Ethernet electrical interface, of which 10/100Base-T supports full duplex or half

    duplex mode, and 1000Base-T supports full duplex mode;

Product specification

Technical specifications	
Ethernet Standard	IEEE802.3-10BaseT; IEEE 802.3ab-1000base Tx; IEEE 802.3z-1000Base LX IEEE802.3u-100BaseTX/100Base-FX IEEE802.3x-Flow Control

Switch Properties	
MAC Table	1K
Switch Bandwidth	14Gbps
Switching Delay	<5µs

Interface	
Gigabit ports	Port numbers:3
	Connector: SFP (LC port and sing/multi-mode available) or 10/100/1000Base-T adaptive Ethernet electrical interface, of which 10/100Base-T supports full duplex or half duplex mode, and 1000Base-T supports full duplex mode; support MDI/MDIX
	Baud rate: 1000Base-LX(fiber port), auto-adaptive 10/100/1000M-Tx port
Terminal block for power input	5.08mm terminal block

Communication distance	
Twisted-pair	100m(CAT5/CAT5e cable)
Multi-mode fiber	Gigabit multi-mode:1310nm 500m
Single mode fiber	Gigabit single mode:1310nm 20km/40km

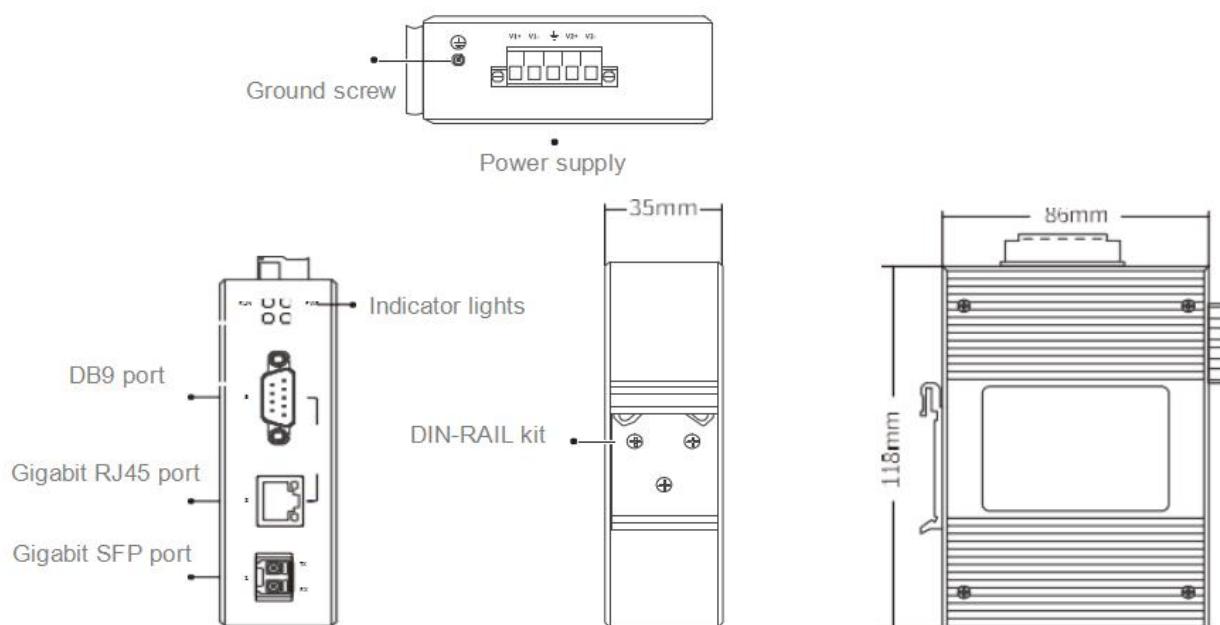| LED indicator lights	
Front panel LED	Port light: LINK/ACT; SPEED
	Power LED: PWR

Power requirements	
Power input	Support DC9-60V AC/DC220V(85-264VAC/110-370VDC)
Full-load Consumption	<1.7w
Overload protection	Support
Reverse protection	Support

Working Environment	
Operating Temperature	-40°C~85°C
Storage temperature	-40°C~85°C

Ambient Humidity	5%~95%(non-condensing)
Physical Characteristics	
Shell	Aluminum alloy shell, IP40
Installation	35mm din rail-mounted installation
Dimension	118mm * 35mm * 86mm (MIGE1203G,MIGE1203G-DB9)
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 period	5 Years
Certification	
Certification	CE/FCC/RoHS

Dimensional drawing

Din-rail mounting (unit: mm)

Ordering Information

MIGE1203G-GF-2GT	1 Gigabit Fx port +2 Gigabit Tx ports, full Gigabit industrial grade media converter, single DC9-60V wide voltage power supply.
MIGE1203G-GF-2GT -AD220	1 Gigabit Fx port +2 Gigabit Tx ports, full Gigabit industrial grade media converter, single AC85 -264V/ DC110~370V isolate power supply.
MIGE1203G-DB9-GF -2GT	1 Gigabit Fx port +1 DB9 interface Gigabit Tx ports +1 Gigabit RJ45 Tx port, full Gigabit industrial grade media converter, DC9-60V wide voltage power supply.
MIGE1203G-DB9-GF -2GT-AD220	1 Gigabit Fx port +1 DB9 interface Gigabit Tx ports +1 Gigabit RJ45 Tx port, Full Gigabit industrial grade media converter, AC220V power supply.