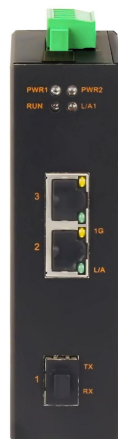


## MIGE1203G-GF-2GT

### 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

## Product specification

### Technical specifications

|                   |   |
|-------------------|---|
| Ethernet Standard | IEEE802.3-10BaseT<br>IEEE802.3u-100BaseTX/100Base-FX<br>IEEE802.3x-Flow Control |
|-------------------|---|

### Switch Properties

|                  |            |
|------------------|------------|
| MAC Table        | 1K         |
| Switch Bandwidth | 6Gbps      |
| Switching Delay  | <5 $\mu$ s |

### Interface

|                                |  |
|--------------------------------|--|
| Gigabit ports                  | Port numbers:3<br>Connector: SFP (LC port and sing/multi-mode available) or adaptive 10/100/1000M-TX module<br>Baud rate: 1000Base-LX(fiber port), 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 |

### LED indicator lights

|                 |   |
|-----------------|---|
| Front panel LED | Port light: LINK/ACT; SPEED<br>Power LED: PWR |
|-----------------|---|

### Power requirements

|                       |   |
|-----------------------|---|
| Power input           | Support DC12~48V<br>AC/DC220V(85-264VAC/110-370VDC) |
| Full-load Consumption | <3.4w   |
| 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    | 114mm * 33mm * 80mm (MIGE1203G)<br>120mm * 43mm * 90mm (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                |

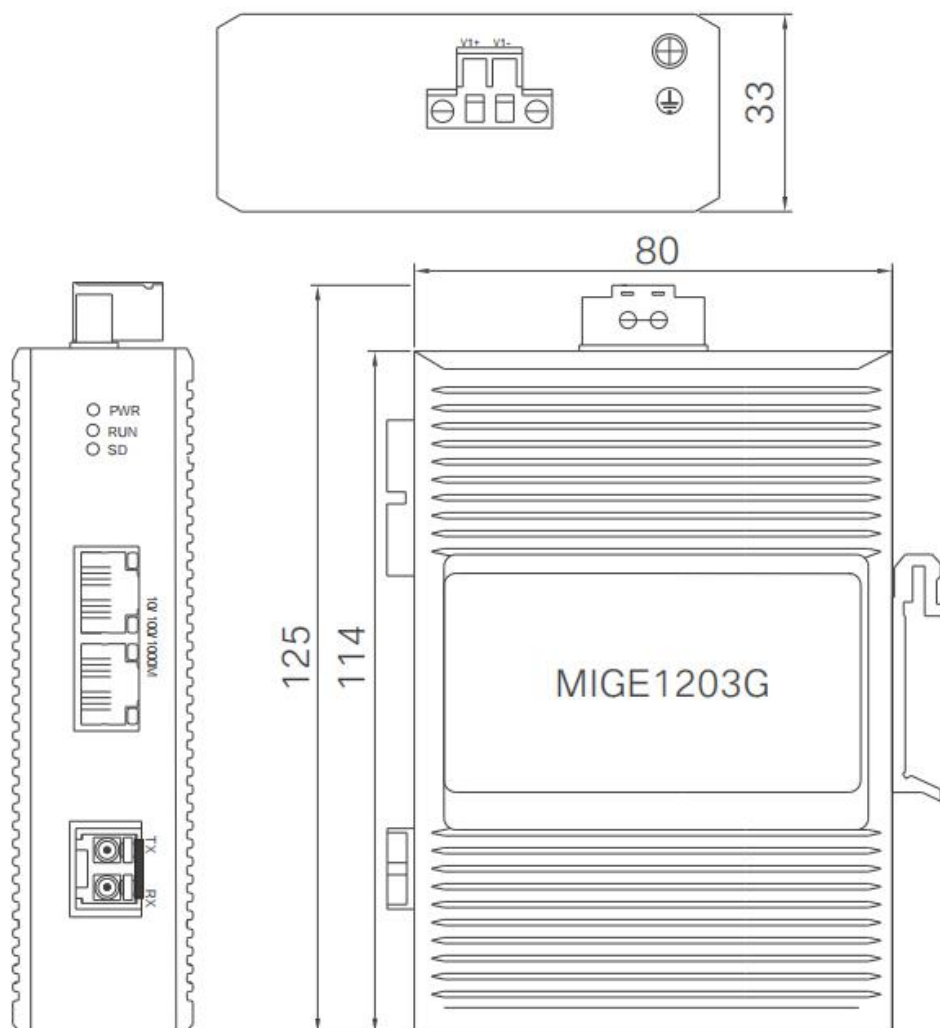
## Warranty

|                 |         |
|-----------------|---------|
| 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 DC12~48V 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, DC12~48V 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.                |