

MIGE2206G

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

Product description

MIGE2206G is a high-performance unmanaged industrial Ethernet switch with 2 Gigabit FX ports and 4 Gigabit TX ports, all support 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. MIGE2206G series 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 SFP ports + 4 Gigabit RJ45 ports
- Support 10Base-T/100Base-TX/1000Base-T Adaptive Port (full/half duplex), Automatic MDI/MDI-X Connection
- Support Power-down Status Reply Alarm Output.
- 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 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	1k
Switch Bandwidth	12Gbps
Switch Latency	<5μs

Interface

Gigabit port	Number: 6
	Connector: SFP Gigabit port(LC interface, single/multi-mode optional) or Gigabit RJ45 port
	Baud rate: 1000Base-FX(SFP), auto-negotiation 10/100M-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)
Multi-mode fiber	Gigabit multi-mode: 850nm, 550m
Single mode fiber	Gigabit single mode: 1310nm, 20km

LED Indicator Lights

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

Power

Input power	DC12~48V AD220V
Power consumption	<4.8W@(MAX)
Overload protection	support
Inversed protection	support

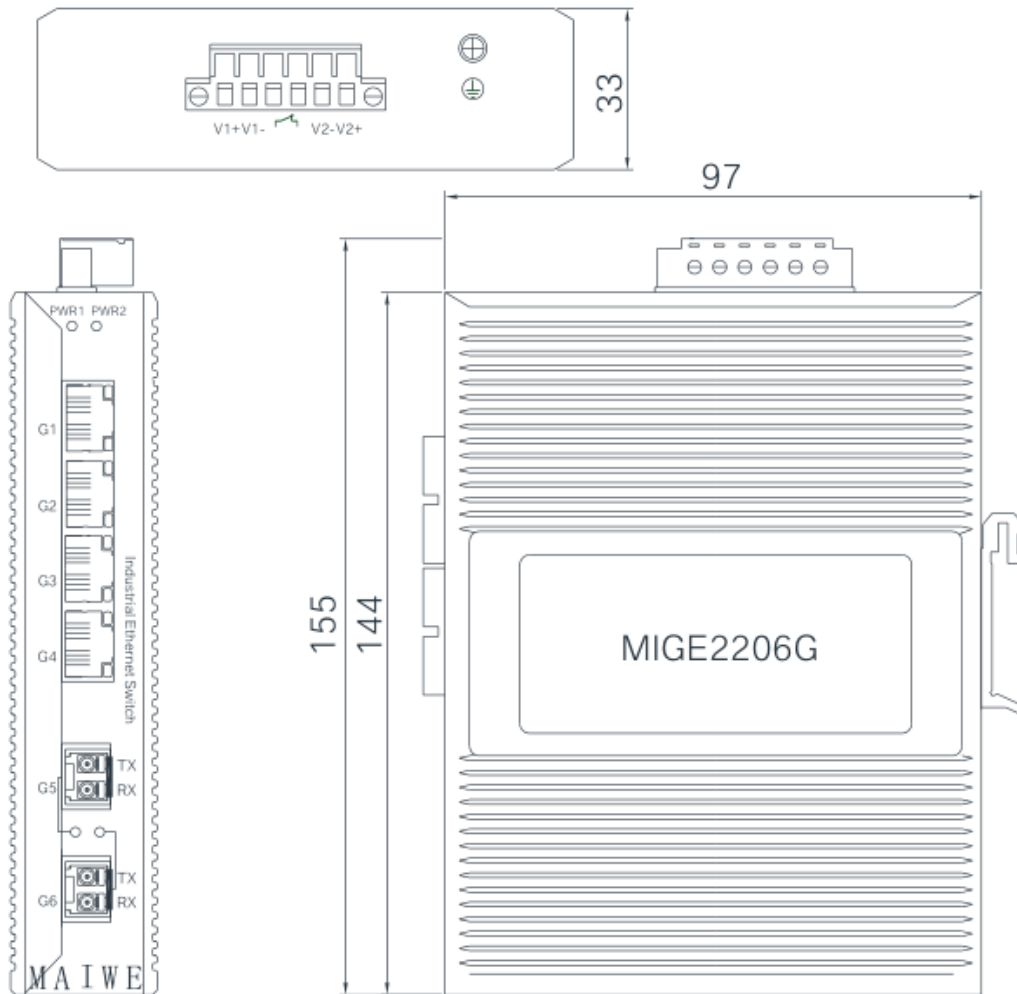
Working Environment

Operating temperature	-40°C~85°C
Storage temperature	-45°C~85°C
Ambient humidity	5%~95%

Physical Characteristics

Shell	IP40 protection, aluminum alloy shell
Installation	Standard 35mm DIN-rail Mounting
Dimension	33.0mm*144.0mm*97.0mm
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

MIGE2206G-2GF-4GT	2-port Gigabit SFP +4-port 10/100/1000Tx, redundant DC12~48V power supply
MIGE2206G-2GF-4GT-AD220	2-port Gigabit SFP +4-port 10/100/1000Tx, AC85-264V/DC110~370V isolated power supply