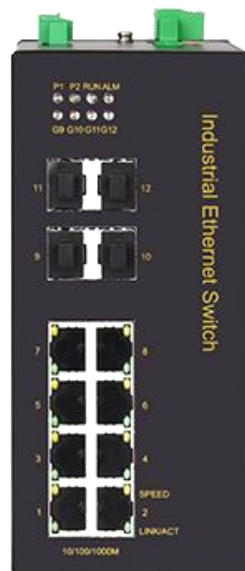


MIGE2212G

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

Product description

MIGE2212G is a high-performance unmanaged industrial Ethernet switch with 4 Gigabit fiber ports and 8 Gigabit copper ports which support 10/100/1000M adaptive, suitable for applications with large bandwidth requirements. This product has a power failure alarm output function, which is convenient for field engineers to find and handle faults in time. MIGE2212G can be operated at wide temperatures range from -40 to 85°C, and its IP40 casing house satisfies any harsh industrial environment.



Features:

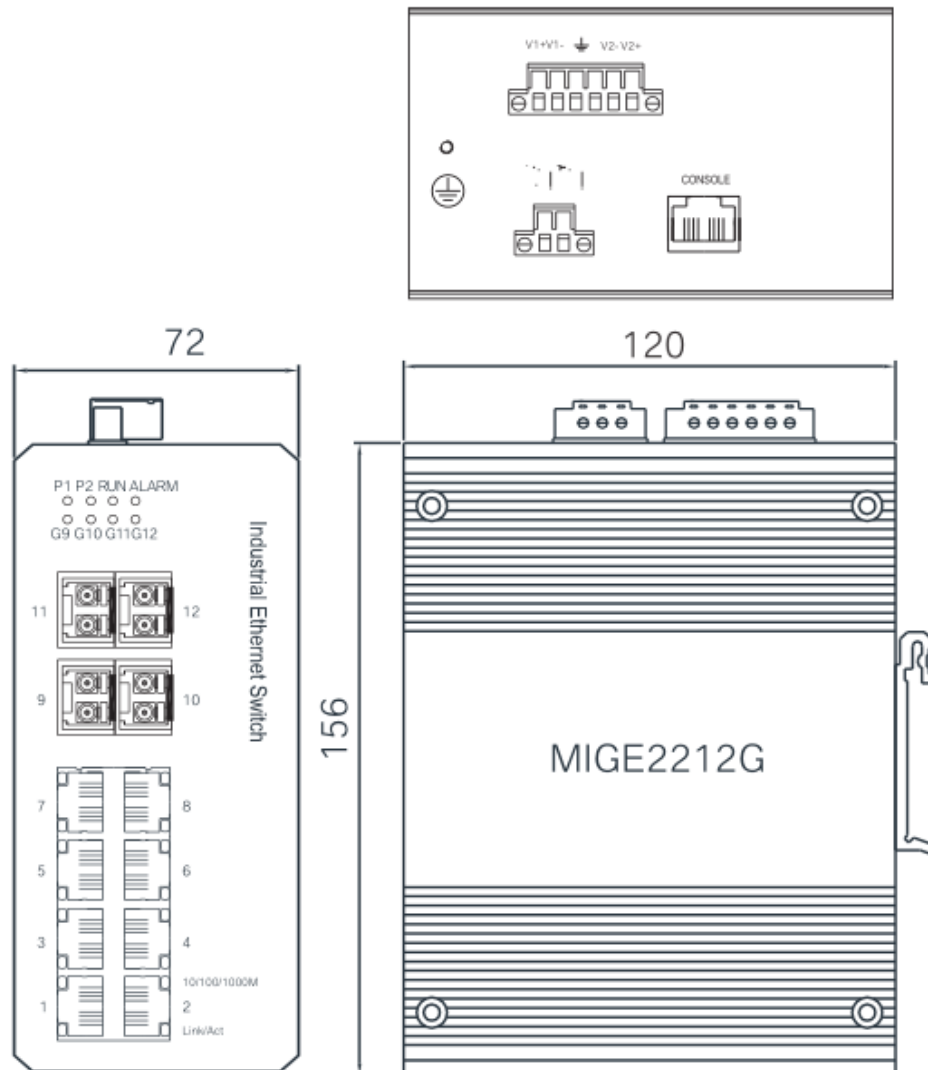
- 4 Gigabit SFP ports + 8 Gigabit RJ45 ports
- Support 10Base-T/100Base-TX/1000Base-T adaptive port (full/half duplex), automatic MDI/MDI-X connection
- Industrial grade power supply with anti-reverse/overcurrent/overvoltage/EMC protection
- Compact IP40 rated casing house with fanless design
- Support power-down status reply alarm output
- Support status display indicator lights
- Wide temperature range from -40 to 85°C
- Satisfy harsh industrial environment

Product specifications

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)
Switch Capability	
MAC Table Size	16k
Switch Bandwidth	24Gbps
Switch Latency	<5μs
Interface	
Gigabit port	Number: 12
	Connector: SFP Gigabit port(LC interface, single/multi-mode optional) or 10/100/1000M RJ45 port
	Baud rate: 1000Base-FX(SFP), auto-negotiation 10/100/1000M-TX
Terminal block for power input	5.08mm terminal block
Terminal block for relay alarm	5.08mm terminal block, 1A@24VDC
Communication Distance	
Twisted-pair	100m(CAT5/CAT5e cable)
Multi-mode fiber	Gigabit multi-mode: 850nm, 500m
Single mode fiber	Gigabit single mode: 1310nm, 20km
LED Indicator Lights	
Front panel LED lights	Port light: LINK/ACT; SPEED; ALARM
	System work light: RUN
	Power status light: PWR1/PWR2
Power	
Input power	DC12~48V DC48V AD220V
Power consumption	<15W@(MAX)
Overload protection	support
Inversed protection	support
Working Environment	
Operating temperature	-40°C~85°C
Storage temperature	-45°C~85°C

Ambient humidity	10%~95%
Physical Characteristics	
Shell	IP40 protection, aluminum alloy shell
Installation	standard DIN-rail Mounting
Dimension	156mm×120mm×72mm
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
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

MIGE2212G-4GF-8GT	4-port Gigabit SFP +8-port 10/100/1000Tx, redundant DC12~48V power supply
MIGE2212G-4GF-8GT-DC48	4-port Gigabit SFP +8-port 10/100/1000Tx, redundant DC48V(36~72V) isolated power supply
MIGE2212G-4GF-8GT-AD220	4-port Gigabit SFP +8-port 10/100/1000Tx, AC85-264V/DC110~370V isolated power supply