

MIGE3020G-4GF-16GT

20 Full Gigabit Ports Rack-mount Layer 2 unmanaged Industrial Ethernet Switch

Product description

MIGE3020G full Gigabit rack-mount Industrial Ethernet Switch is designed for high-speed communication network applications. It provides a high-performance Ethernet communication solution for flexible and changeable application requirements, breaking through the 10/100M backbone network communication bottleneck, making communication smoother, reliable and faster which meets the customers' requirements of innovation to increase value-added. It Supports 4 Gigabit fiber ports +16 Gigabit copper ports.



Features:

- Support 4 Gigabit fiber ports + 16 Gigabit copper ports interface configuration;
- Support front and rear indicator lights, optical fiber indicator status display;
- Connect and use, convenient and fast;
- Support industrial grade with isolated power supply, optional dual redundant power supply;
- Support alarm output of power-off status relay;
- Industrial grade wide temperature design, fanless heat conduction design;
- Meet the requirements of harsh industrial environments.

Product specification

Technical parameters

Protocol Standard	IEEE802.3(Ethernet), IEEE802.3u (100Base-TX&100Base-FX), IEEE802.3x (Flow control), IEEE802.3ab(1000Base-T), IEEE802.3z(1000Base-LX), 802.1az, 802.1ab;
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Switch capability

MAC Table Size	16k
Backplane bandwidth	40Gbps
Switch Delay	<5μs

Interface

Gigabit port	Port numbers: 20
	Connector: 4 Gigabit SFP ports+16 Gigabit RJ45 ports
	Baud rate: 1000Base-LX(optical port), Self-adaption 10/100/1000MBase-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
	System work light: SYSTEM
	Power status light: POWER

Power

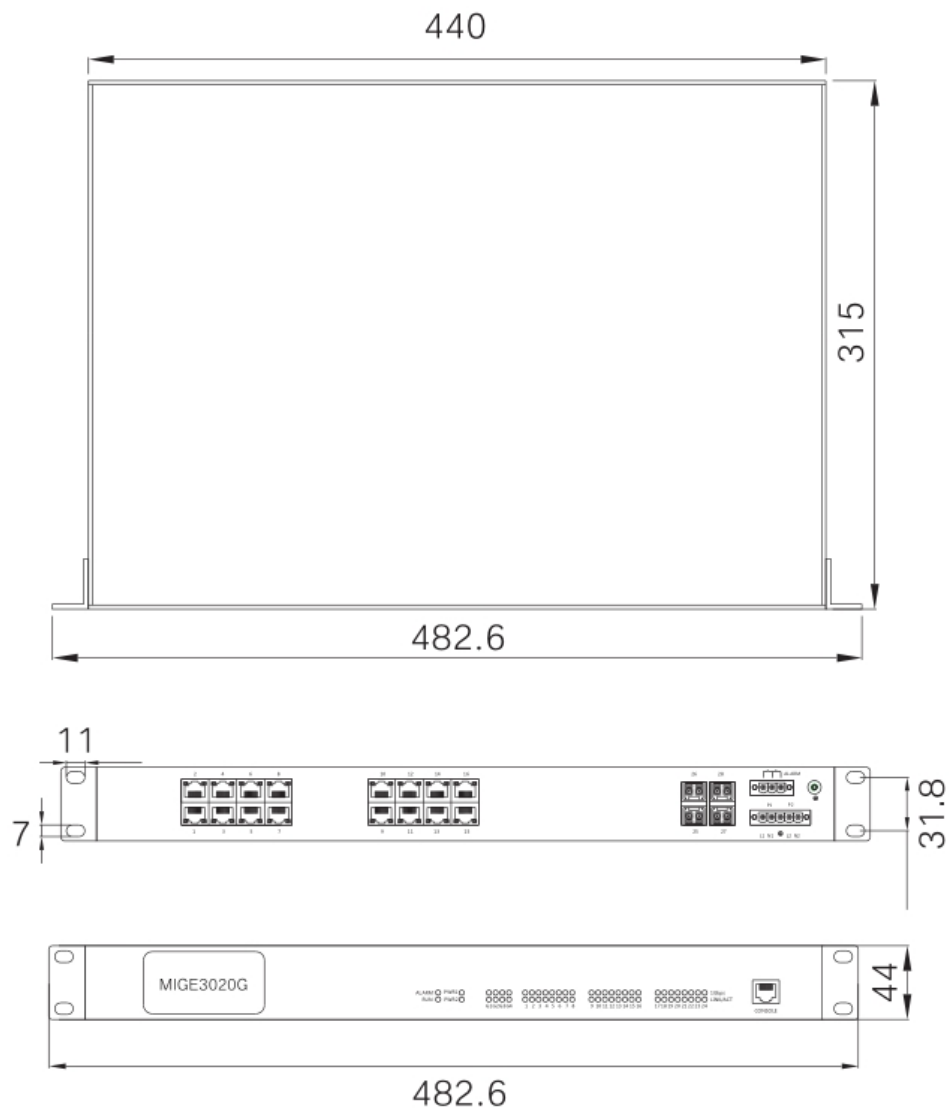
Input power	AC/DC220V(85-264VAC/110-370VDC)
Power consumption	<15W@(MAX)
Overload protection	Support
Reverse protection	Support
Redundancy protection	Support

Working Environment

Operating Temperature	-40°C~85°C
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Storage temperature	-40°C~85°C
Ambient Humidity	5%~95%
Physical Characteristics	
Shell	IP40 protection, aluminum alloy shell
Installation	Standard 19-inch rack mounting,
Dimension	482.6mm×44mm×315mm (W×H×D)
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	
Certification	CE, FCC, RoHS

Dimensional drawing



Rack mount (unit: mm)

Ordering Information

MIGE3020G-4GF-16G T-AD220	4 Gigabit Fx ports +16 Gigabit Tx ports, layer 2 full Gigabit ports rack mounted industrial Ethernet switch, single AC85-264V/ DC110~370V isolate power supply
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