

FR-6N3208

8x10/100/1000Base-TX + 2x100/1000Base-FX SFP



Brief introduction

FR-6N3208 is a new generation industrial switch with 8-Port 10/100/1000Base-TX and 2-Port 100/1000Base-FX SFP that provide stable and reliable Ethernet transmission offered by Fiberroad, with high quality design and reliability. It is positioning in the broadband network intervention market, to offer and realize Ethernet data exchange, convergence and long-distance optical transmission with efficient bandwidth and reliable fiber optic network solutions for users. The industrial switch complies with various characteristics such as mini size, no fan, low power consumption, high reliability and stability, and easy to maintain.

Features

- > 8x10/100/1000Base-TX RJ45 ports, 2x100/1000Base-FX SFP ports
- > Support Auto-MDIX, and full/half duplex self-negotiation mode
- > Support 9K bytes giant frame, compatible with various extension protocol
- > 4K MAC address table
- > Support IEEE802.3az energy efficient Ethernet technology
- > Electric 4KV surge protection
- > Power input polarity protection design, no worry about wrong operation
- > Aluminum case, no fan design
- > Installation method: DIN rail /Wall mounting

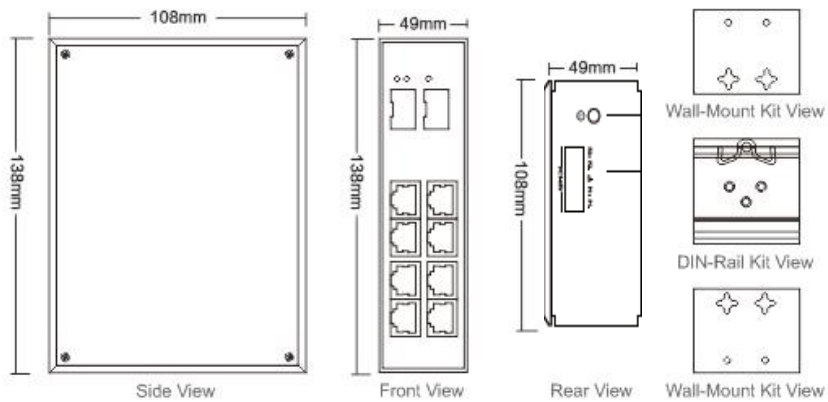
Specification

Physical Port	
RJ45 Port and Speed	8x10/100/1000Base-TX
Fiber Port and Speed	2x100/1000Base-FX SFP
Parameters	
Ethernet Standards	IEEE802.3 IEEE802.3u IEEE802.3z IEEE802.3ab IEEE802.3x IEEE802.3az IEEE802.3ah IEEE802.1X IEEE802.1Q
Packet Buffer	2M
Maximum Packet Length	Up to 9K
MAC Address Table	4K
Transmission Mode	Store and Forward (full/half duplex mode)
Exchange Property	Delay time: < 7μs Backplane bandwidth: 12Gbps; Packet forwarding rate: 8.928Mpps

LED Indicator	
Power	Connect-always
RJ45	Link/Act: connect-always; data exchange-twinkle
Fiber	Link/Act: connect-always; data exchange-twinkle
Power Information	
Power Access Mode	Phoenix terminal
Redundant Power Input	DC 9-56V
Overload Protection	Yes
Power Reverse	Support
Power Consumption	Full-load<15W
Physical Property	
Protection Grade	IP40 aluminum case
Cooling Mode	Natural cooling, no fan design
Dimensions	138mm x 108mm x 49mm (L x W x H)
Installation Mode	DIN rail/wall-mountable
Weight	600g
Working Environment	
Operating Temperature	-35°C~75°C
Operating Humidity	5%~90% non-condensing
Storage Temperature	-40°C~85°C

Warranty	
MTBF	500,000 hours
Defects Liability Period	3 year warranty, lifetime technical support
Certification Standard	
EMC	FCC Part15 Class A CE-EMC/LVD RoHS EN61000-4-2 (ESD), EN61000-4-3 (RS) EN61000-4-4 (EFT), EN61000-4-5 (Surge) EN61000-4-6 (CS), EN61000-4-8 EN61000-4-11
Vibration	IEC60068-2-6 -35~75°C High and Low Temperature Test IP40 Protection Test

Dimensions



Package List

- 1 x Fiber Switch
- 1 x Rail Mounting Kit
- 1 x Wall Mount Kit
- 1 x Warranty Card

Order information

Model Number	Port Description
FR-6N3204	Industrial Ethernet Switch, 4 x 10/100/1000M Base-TX + 2 x 100/1000M Base-FX SFP
FR-6N3208	Industrial Ethernet Switch, 8 x 10/100/1000M Base-TX + 2 x 100/1000M Base-FX SFP

*Fiber port can add 1*9 module.