

FR-5N3224-P

8x10/100/1000Base-TX + 2xGigabit SFP



Brief Introduction

FR-5N3208 is a new generation Power over Ethernet switch with 8-Port 10/100/1000Base-TX and 2 Gigabit SFP that provide stable and reliable Ethernet transmission offered by Fiberroad, with high quality design and reliability. It is positioning in the broadband network 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.

Features

- > 8x10/100/1000Base-TX RJ45 ports, 2xGigabit SFP/ 8xPoE
- > AI Extend: Extend 250M transmission
- > AI QoS: Video data first, more fluent transmission
- > AI VLAN: Avoid the internet storm and enhance the network ability
- > AI PoE: Automatic self checking, reboot the device while find it fake dead
- > Support Auto-MDIX, and full/half duplex self-negotiation mode
- > Provide SC/LC interface fiber port, support single/dual fiber transmission
- > Support 10K bytes giant frame, compatible with various extension protocol
- > 8K MAC address table
- > Support IEEE802.3az energy efficient Ethernet technology
- > Electric 4KV surge protection
- > Complete status indicator, working state at a glance

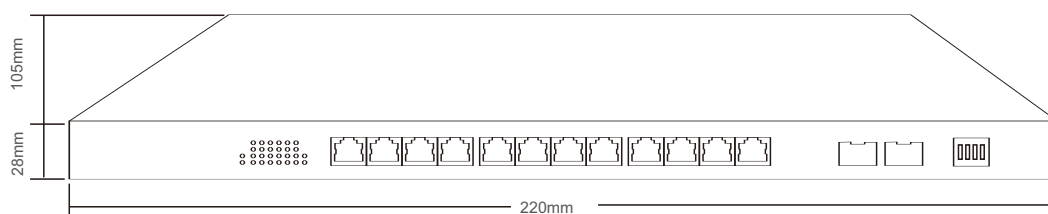
Specification

Physical Port	
RJ45 Port and Speed	8x10/100/1000Base-TX
Fiber Port and Speed	2xGigabit SFP
Parameters	
Ethernet Standards	IEEE802.3 IEEE802.3u IEEE802.3z IEEE802.3ab IEEE802.3x IEEE802.3az IEEE802.3Qad IEEE802.3ah IEEE802.1X IEEE802.1Q IEEE1588
Packet Buffer	2M
Maximum Packet Length	Up to 10K
MAC Address Table	4K
Transmission Mode	Store and Forward (full/half duplex mode)
Exchange Property	Delay time: < 7μs Backplane bandwidth: 20Gbps; Packet forwarding rate: 47.616Mpps
PoE (Option)	
PoE Standard	8x IEEE 802.3af/IEEE 802.3at PoE
Power Budget	Max. PoE output power budget 30W

Specification

LED Indicator	
Power	Connect-always
RJ45	Link/Act: connect-always; data exchange-twinkle
Fiber	Link/Act: connect-always; data exchange-twinkle
Power Information	
Redundant Power Input	AC 100-240V 50/60Hz
Power Consumption	Full-load<15W (PoE Max 120W)
Physical Property	
Enclosure	Metal
Dimensions	220mm x 105mm x 28mm (L x W x H)
Weight	620g
Working Environment	
Operating Temperature	0°C~50°C
Operating Humidity	5%~90% non-condensing
Storage Temperature	-10°C~70°C
Warranty	
MTBF	500,000 hours
Defects Liability Period	2 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

Dimensions



Application



Order Information

Model Number	Port Description
FR-5N3208	PoE Switch, 8 x 10/100/1000M Base-TX + 2 x Gigabit SFP
FR-5N3208-P	PoE Switch, 8 x 10/100/1000M Base-TX + 2 x Gigabit SFP / 8xPoE