

JGS2400R

24 Port Gigabit Ethernet Switch



Introduction

This 24 Port Rack-mountable Giga Ethernet Switch provides 24 10/100/1000Mbps Auto-Negotiation RJ45 ports. All ports support Auto MDI/MDIX function, eliminating the need for crossover cables or Uplink ports. The 24 Port Rack-mountable Giga Ethernet Switch provides you with a low-cost, easy-to-use, high-performance, seamless and standard upgrade to improve your old network to a 1000Mbps network. It will boost your network performance up to full duplex data transfer.

Main Features

- Compliant with the IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T specifications
- 48Gbps switching fabric capacity
- 24 port 10/100/1000Mbps TX Auto-Negotiation Ethernet Switch
- Full/Half-Duplex capability on each TX port(only support full duplex In1000M)
- Support TP interface Auto MDIX function for auto TX/RX swap
- Support up to 16K MAC addresses
- Up to 3.5M bits buffer
- Support Store & Forward architecture and performs forwarding and filtering
- IEEE802.3x flow control for Full-duplex
- Back Pressure function for Half-duplex operation
- LED indicators for simple diagnostics and management
- Plug and Play

Standards



- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-TX
- IEEE 802.3af specification
- IEEE 802.3x Flow Control

SPEC

- Chip
- ◇ RTL8389L+RTL8218
- Ports
- ◇ 24 10/100/1000 Base-T ports
- LED
- ◇ Power
- ◇ Link/Activity
- Cabling Type
- ◇ 10BASE-T: UTP Cat. 3 or up
- ◇ 100BASE-TX/1000Base-T: UTP Cat. 5 or up

Software Specification

- Standards
- ◇ IEEE 802.3 10Base-T
- ◇ IEEE 802.3u 100Base-TX
- ◇ IEEE802.3ab 1000Base-T
- ◇ IEEE 802.3x Flow Control
- Access Method
- ◇ CSMA/CD
- Transmission Method
- ◇ Store and Forward
- MAC Address Table
- ◇ 16k
- Built-in Buffer
- ◇ 3.5M bits
- Data Transfer Rate
- ◇ 10/100Mbps (Half-duplex)
- ◇ 20/200/2000Mbps (Full-duplex)
- Auto MDI/MDIX



◇ Yes

Environment

➤ Dimension

◇ 440 mm(L)*200 mm(W)*44 mm(H)

➤ Power

◇ AC 100-240V /50-60Hz

➤ Operating Temperature

◇ 0° to 40° C

➤ Storage Temperature

◇ -20° to 70° C

➤ Operating Humidity

◇ 5% to 90 % non-condensing

➤ Storage Humidity

◇ 5% to 90% non-condensing

Certification

FCC Part 15 Class A, CE Mark

