ST-3108

Description

8 Port Fast Ethernet Switch



Introduction

This 8 Port Fast Ethernet Switch provides 10/100Mbps Auto-Negotiation RJ45 ports .All ports support Auto MDI/MDIX function, eliminating the need for crossover cables or uplink ports. The 8 port Fast Ethernet Switch provides you with a low-cost, easy-to-use, high-performance, seamless and standard upgrade to improve your old network to a 100Mbps network. It will boost your network performance up to full duplex data transfer.

Feature

- Compliant with the IEEE802.3 10Base-T Ethernet ,IEEE802.3u 100Base-TX specifications
- 1Gbps switching fabric capacity
- 8 ports 10/100Mbps TX Auto-Negotiation Ethernet Switch
- Full/Half-Duplex capability on each TX port
- Support TP interface Auto MDI/MDIX function for auto TX/RX swap
- Automatic Source MAC Address Learning and Aging
- Support up to 2K MAC addresses
- Support Store & Forward architecture and performs forwarding and filtering
- IEEE802.3x flow control for Full-duplex ,Back Pressure function for Half-duplex operation
- Support to handle up to 1552 bytes packet
- LED indicators for simple diagnostics and management

- Plug and Play

Spec

Hardware Specification

- Chip
  - RTL8309SC
- Ports
  - 8 10/100Mbps TX ports
- LED
  - Power
  - Link/Activity
- Cabling Type
  - 10BASE-T:UTP Cat.3 or up
  - 100 BASE-TX:UTP Cat.5 or up

Software Specification

- Access Method
  - CSMA/CD
- Transmission Method
  - Store and Forward
- Data Transfer Rate
  - 10/100Mbps(Half-duplex)
  - 20/200Mbps(Full-duplex)
- Standards
  - IEEE 802.3 10Base-T Ethernet
  - IEEE 802.3u 100Base-TX
  - IEEE 802.3x Flow Control
- Auto MDI/MDIX
  - Yes
- MAC Address Table
  - 2K

Environment

- Dimension
  - 130mm(L)*70mm(W) *26mm(H)
- Power
  - DC 9V 700mA
- Operating Temperature
  - 0 °to 40□
- Storage Temperature
  - —20 °to 70℃
- Operating Humidity
  - 5% to 90% non-condensing

- Storage Humidity
  - 5% to 90% non-condensing

Certification

FCC Part 15 Class B, CE Mark

Topology

