8 Port 10/100 Mbps Fast Ethernet Switch

**Product ID:** DS8107

This 8 Port 10/100 Fast Ethernet Switch is a perfect addition to networks requiring an extension of connection distances, network traffic segmenting or bridging 10BaseT and 100BaseTX networks together.

Providing not only superb performance and versatility, this high quality Ethernet Switch also features LED indicators that offer simple monitoring of network connections, activity, collisions, and operating mode (full or half duplex), to ensure ideal network efficiency and reliability.

## Certifications, Reports and Compatibility

## Applications

• Small business networks requiring fast data transfer

• Segmenting hubs to improve network performance

• Provides a 200Mbps link for servers

## Features

• All eight RJ-45 ports support 10BaseT/100BaseTX and Full-Duplex/Half-Duplex Auto-negotiation function

• Auto MDIX (crossover) function provides automatic crossover when cascading switches or hubs - crossover cables or special uplink ports are no longer required

• Complies with IEEE 802.3 10BaseT Ethernet and 802.3u 100BaseTX Fast Ethernet standards

• IEEE 802.3x compliant flow control for full duplex and backpressure for half duplex

• Simple and economical way to bridge 10BaseT network and 100BaseTX network

• Store-and-forward switching architecture

• Supports full duplex connections of up to 200Mbps

• Supports MAC Address auto-learning and auto-aging

## Hardware

| | | |
|---|---|---|
| | Warranty | 2 Years |
| | Industry Standards | IEEE802.3 10Base-T, IEEE802.3u 100Base-TX |
| | Chipset ID | Realtek - RTL8309G |

## Performance

| | | |
|---|---|---|
| | Maximum Data Transfer Rate | 100 Mbps |
| | Auto MDIX | Yes |
| | Full Duplex Support | Yes |
| | MAC Address | Auto Learn / Auto Update |
| | Supported Protocols | CSMA/CD, Port Auto Sensing/Auto Negotiation |

## Connector(s)

| | | |
|---|---|---|
| | External Ports | 8 - RJ-45 |

## Software

| | | |
|---|---|---|
| | OS Compatibility | Operating System independent |

## Indicators

| | | |
|---|---|---|
| | LED Indicators | 1 - Power |
| | | 8 - Link/ACT |

## Power

| | | |
|---|---|---|
| | Power Source | AC Adapter Included |
| | Input Voltage | 115V AC |

| | | |
|---|---|---|
| Output Voltage | 9V DC | |
| Output Current | 0.6A | |
| Center Tip Polarity | Positive | |
| Plug Type | M | |

**Physical Characteristics**

| | | |
|---|---|---|
| Color | Black | |
| Product Length | 5.5 in [14 cm] | |
| Product Width | 3.3 in [8.5 cm] | |
| Product Height | 1.2 in [3 cm] | |
| Weight of Product | 5.5 oz [155 g] | |

**Packaging Information**

| | | |
|---|---|---|
| Package Length | 8.3 in [21 cm] | |
| Package Width | 2.6 in [66 mm] | |
| Package Height | 6.6 in [16.7 cm] | |
| Shipping (Package) Weight | 1.9 lb [0.9 kg] | |

**What's in the Box**

| | | |
|---|---|---|
| Included in Package | 1 - Power Adapter | |
| | 1 - Instruction Manual | |
| | 1 - 8 Port Ethernet Switch | |

*\*Product appearance and specifications are subject to change without notice.*