



NS-08T

8 Port

10/100M Ethernet Switch

User's Guide

Introduction

The key features of the 8 port Dual Speed Fast Ethernet Switch NS-08T are as follows:

- ◆ 8 port 10/100 integrated Switch with Physical Layer Transceivers.
- ◆ Built in SRAM on chip for frame buffering to ensure fast error free packet storage and transmission , which greatly improves network performance.
- ◆ Supports 10Base-T to 100Base-TX connectivity , allowing for progressive migration from 10 Base-T to 100Base-TX technology.
- ◆ Provides high throughput because Switches route data packets to destination port instead of broadcasting them to all ports. Alleviates congestion for applications with high-bandwidth requirements such as multimedia applications and large file transfers.
- ◆ All ports support full auto-negotiation for 10Mbps and 100Mbps speed and half or full duplex mode connection.
- ◆ All ports supports Auto MDI/MDI-X

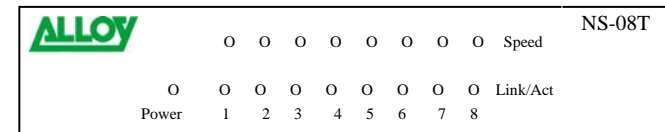
Package Contents

- ◆ 1 NS-08T Switch Unit
 - ◆ 1 AC Power Adaptor
 - ◆ CD with User's Manual
- Please Check to make sure that all the items are provided. If something is missing , contact your dealer as soon as possible.
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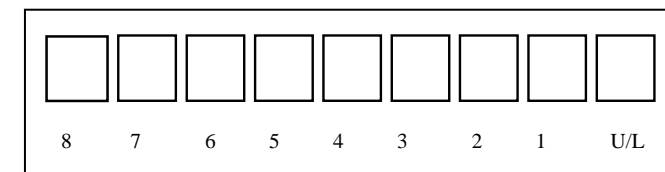
Switch Features

NS-08T

Front Panel



Back Panel



1	Power LED	◆ On : Switch is receiving power.
2	Speed LED	◆ Steady Green: 100M Link ◆ Off: 10M Link
3	Link/Act LED	◆ Steady Green: Link ◆ Flashing Green: Network Activity

Specifications

Standards :	Complies with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX and ANSI/ IEEE 802.3 N-Way auto-negotiation standards.
Interface :	Each unit has eight Auto MDI/MDI-X 10/100Mbps Ports
Port Speed/Mode Selection :	Auto-negotiation
Link Distance :	100Base-TX : Supports up to 100M of Cat. 5/5e UTP cable to PC, Hub or Switch 10Base-T : Supports up to 100M of Cat. 3,4, 5 & 5e UTP cable to PC, Hub or Switch
LED Indicators :	LED indicators are provided for status monitoring. These include LEDS for system power ,port speed activity/link
Number of MAC Addresses :	2K MAC Addresses
Dynamic memory Sharing In/out buffer:	768K bit
Dynamic Addresses Learning/Filtering:	Yes
Power Supply :	7.5 VDC 1 A AC Adaptor
Environment Requirements :	Temperature : Operating: 0 ⁰ C to 50 ⁰ C Storage: -20 ⁰ C to 60 ⁰ C Humidity : 10% to 90% Non-con'g
Physical Dimensions :	139 mm(W) x 78 mm(D) x 28 mm(H)
Weight :	Approx. 300g
EMC:	C-tick, CE & FCC Class A
Safety :	SAA

Installation of NS-08T

The NS-08T should be installed on a flat surface(desktop)

1. Unpack the Switch.
2. Choose a location near the devices to be connected and close to an electrical outlet . Make sure there is enough clearance around the unit to allow attachment of network cables , power adapter and allow air circulation.
3. Connect the power adapter to the Switch .The Power LED should light up.
4. Connect twisted pair cables from devices to be joined to the network. The PORT LED for each connected port should light up.
5. The switch is ready to operate.