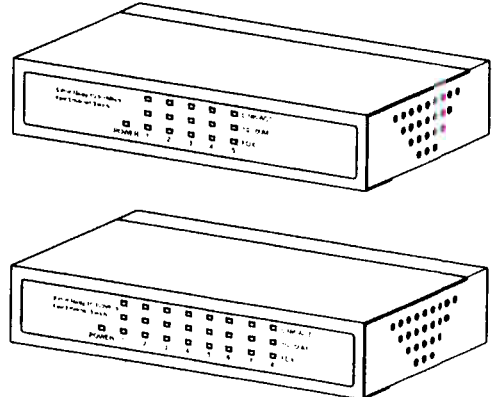


# 5 / 8 Port Nway Fast Ethernet Switch

## User's Manual



### **FCC Warning**

This device has been tested and found to comply with limits for a Class B digital device, pursuant to Part 2 and 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and radiates radio frequency energy and, if not installed and used in accordance with the user's manual, may cause interference in which case user will be required to correct the interference at his own expense.

### **CE Mark Warning**

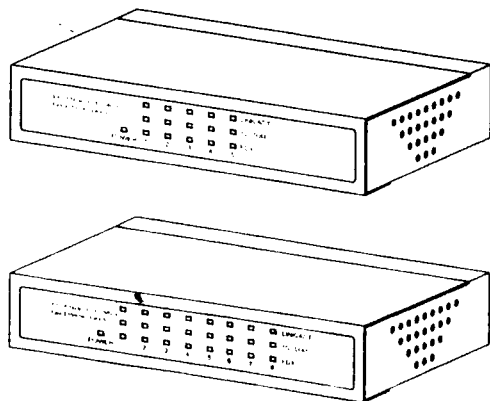
This is a Class B product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

## 5 / 8 Ports Nway Fast Ethernet Switch

### Introduction

The Switch provides 5 / 8 10/100Mbps ports. The Switch was designed for easy installation and high performance in an environment where traffic on the network and the number of user increase continuously.

The small, compact palm size was specifically designed for small to medium workgroups. The Switch can be installed where space is limited; moreover it provides smooth network migration and easy upgrade to network capacity.



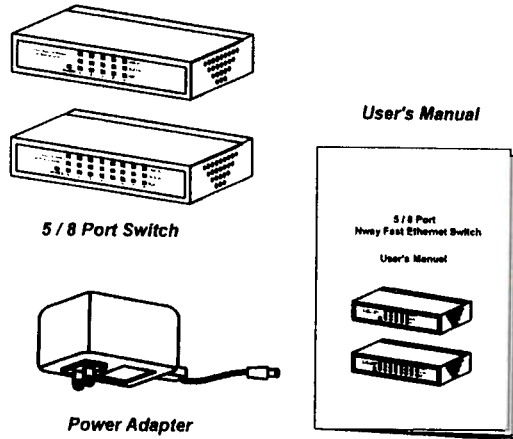
### Key Features

- 5 / 8 Port 10/100Base T/TX Nway (Auto-negotiation) Switch with RJ-45 connectors.
- Palm size with transparent enclosure design
- Auto-learning of networking configurations
- Auto-detect of Full/Half-duplex modes in all ports
- Dedicated full-duplex 200Mbps bandwidth on each port
- Store & Forward switching methods
- IEEE 802.3x flow control for Full-duplex
- Zero-Packet Loss Back-pressure flow control for Half-duplex
- Non-blocking & Non-head-of-line blocking full wire speed forwarding
- Status LEDs: Power, 10/100M, Link/Activity And Full/Half-duplex
- Supports Auto MDIX function on each port
- Smart plug & play

## Package Contents

Before you start to install the Switch, please verify your package that contains the following items:

- One Fast Ethernet Switch
- One Power Adapter
- One User's Manual

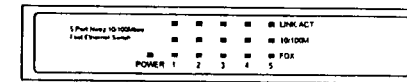


Note: If any of these items is found missing or damaged, please contact your local supplier for replacement.

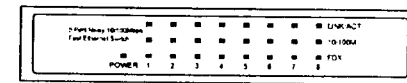
## Front Panel Layout

### LED Indicators of 5 / 8 Port 10/100Mbps Switch

LED	Color	Status	Description
Power	Yellow	On	Power on
		Off	Power off
LINK/ACT.	Yellow	On	10/100Mbps port for connection
		Off	10/100Mbps port link fail
		Flashing	10/100Mbps for data activating
10/100M	Green	On	Port is on the 100M status
		Off	Port is on the 10M status
FDX	Green	On	Full-duplex
		Off	Half-duplex
		Flashing	Partial collision occurs



5 port Switch



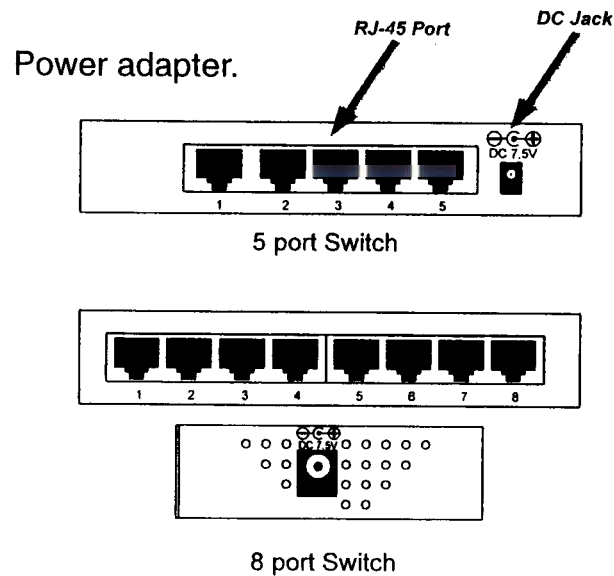
8 port Switch

## Rear Panel Layout

### I. 5 / 8 RJ-45 10/100Mbps Switch Ports

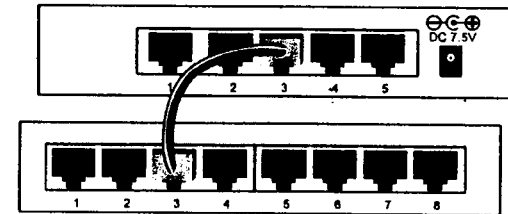
There are 5 / 8 RJ-45 connectors on the front panel for connecting to servers, workstation or other devices. The Switch provides 5 / 8 10/100Mbps switching ports that could sense the 10/100M speed and negotiate Full / Half duplex mode automatically.

### II. Power DC 7.5V



## Uplink

The switch provides automatic crossover detection functionality on each port. It is simple and friendly to up-link to another switch without crossover cable.



## Technical Specifications

1. Standards Compliance
  - IEEE 802.3 10BASE-T
  - IEEE 802.3u 100BASE-TX
2. Number Of Ports
  - 5 / 8 integrated ports (10/100Mbps Nway port)
3. Fully Flow Control Supported
  - Half-duplex mode: Backpressure
  - Full-duplex mode: IEEE 802.3x
4. Network Transmission Media
  - 10Base-T Cat. 3, 4, 5 UTP/STP
  - 100Base-TX Cat. 5 UTP/STP
5. Network Status Monitoring LEDs
  - Per port: LINK/ACT, 10/100M, FDX
  - System: POWER
6. Buffer Memory
  - 80KByte per device
7. Filter/Forward Rate
  - Packet Filtering/ Forwarding Rates
    - 100Mbps port - 148,800pps
    - 10Mbps port - 148,80pps
8. MAC Address
  - Up to 2K per device
9. Power
  - Adapter DC 7.5V
10. Power Consumption
  - 5 port : 2 Watts (Max)
  - 8 port : 3 Watts (Max)
11. Operating Temperature
  - 0°C ~ 55°C
12. Store Temperature
  - -20°C ~ 90°C
13. Humidity
  - 10% ~ 90% RH (Non-condensing)
14. Dimension (L x W x H)
  - 130mm x 77mm x 24mm
15. Weight
  - 0.35Kg
16. Safety & EMI Certificates
  - CE & FCC-B