

## 5/8 Ports

## 10/100M Fast Ethernet

## Switching Hub

## User's Guide

### Version 1.2

### Model Interpretation:

- ◆ SW-05HP: 5 port switch with plastic casing
- ◆ SW-08HP: 8 port Switch with plastic casing

### Introduction

The key features of the 5 port/8 port Dual Speed Fast Ethernet Switch ( **SW-05HP/SW-08HP** ) are as follows:

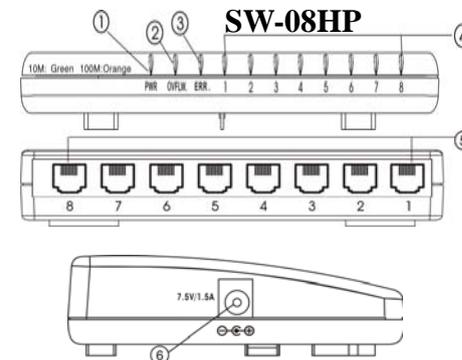
- ◆ 5port/8 port 10/100 integrated Switch with Physical Layer Transceivers
- ◆ Build in SRAM on chip for frame buffering to ensure fast error free packet storage and transmission , which greatly improves your network performance
- ◆ Supports 10Base-T to 100Base-TX connectivity , allowing for progressive migration from 10 Base-T to 100Base-TX technology
- ◆ Provides high throughput because Switches route data packers 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 SW-05HP/SW-08HP Switch Unit
- ◆ 1 Power Adapter
- ◆ 1 User's Manual

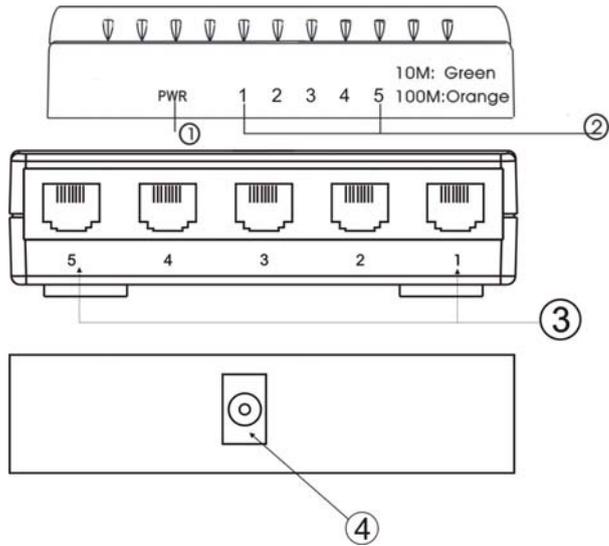
Please Check to make sure that all the items shown. If something is missing , contact your dealer as soon as possible.

### Hub Feature (see diagrams as follow)



|   |                      |  |
|---|----------------------|--|
| 1 | <b>Power LED</b>     | ◆ ON indicates hub is receiving power.   |
| 2 | <b>OVFLW LED</b>     | ◆ Memory Overflow LED (Yellow); ON indicates memory full in switching buffer   |
| 3 | <b>ERR LED</b>       | ◆ Memory Error LED (Yellow); ON indicates error occurred in memory   |
| 4 | <b>Port LED</b>      | ◆ STEADY GREEN: 10M Link<br>◆ BLINK GREEN: 10M Activity<br>◆ STEADY ORANGE: 100M Link<br>◆ BLINK ORANGE: 100M Activity |
| 5 | <b>8 RJ-45 Ports</b> | ◆ 8 UTP ports all supports Auto MDI/MDI-X  |
| 6 | <b>DC Power Jack</b> | ◆ Jack for connection to an external power adapter (7.5VDC).   |

## SW-05HP



|   |                      |  |
|---|----------------------|--|
| 1 | <b>Power LED</b>     | ON indicates switch receiving power  |
| 2 | <b>Port LED</b>      | <ul style="list-style-type: none"> <li>◆ STEADY GREEN: 10M Link</li> <li>◆ BLINK GREEN: 10M Activity</li> <li>◆ STEADY ORANGE: 100M Link</li> <li>◆ BLINK ORANGE: 100M Activity</li> </ul> |
| 3 | <b>5 RJ-45 Ports</b> | 5 UTP ports all supports Auto MDI/MDI-X  |
| 4 | <b>DC Power Jack</b> | Jack for connection to an external power adapter (6VDC)  |

## Specifications

|  |  |
|--|--|
| <b>Industrial Standards :</b>                | Complies with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX and ANSI/ IEEE 802.3x N-Way auto-negotiation standards; FCC Class A;CE mark  |
| <b>Interface :</b>                           | <p><b>SW-05HP:</b><br/>Each unit has five 10/100 Mbps UTP ports (RJ-45)</p> <p><b>SW-08HP:</b><br/>Each unit has eight 10/100Mbps UTP ports (RJ-45) and ALL Ports Support Auto-MDI/MDI-X</p>             |
| <b>Port Speed/Mode Selection :</b>           | Auto-negotiation   |
| <b>Link Distance :</b>                       | <p>100Base-TX : can support up to 100M of 'Category 5' UTP cable to PC, Hub or another Switch</p> <p>10Base-T : can support up to 100M of 'Category 3,4 and5' UTP cable to PC, Hub or another Switch</p> |
| <b>LED Indicators :</b>                      | LED indicators are provided for status monitoring. These include LEDS for system power ,port traffic activity/link   |
| <b>Number of MAC Addresses :</b>             | <p><b>SW-05HP:</b><br/>1K MAC Addresses</p> <p><b>SW-08HP:</b><br/>2K MAC Addresses</p>  |
| <b>Dynamic memory Sharing In/out buffer:</b> | <p><b>SW-05HP:</b><br/>1 M bit</p> <p><b>SW-08HP:</b><br/>768K bit</p>   |

|  |  |
|--|--|
| <b>Dynamic Addresses Learning/Filtering:</b> | Yes  |
| <b>Power Supply :</b>                        | <p><b>SW-05HP:</b><br/>External 6VDC.0.5A</p> <p><b>SW-08HP:</b><br/>External 7.5VDC. 1.5A</p>                       |
| <b>Environment Requirements :</b>            | <p>Temperature : Operating: 0°C to 40°C<br/>Storage: 5°C to 60°C</p> <p>Humidity : 10% to 90%<br/>non-condensing</p> |
| <b>Physical Dimensions :</b>                 | <p><b>SW-05HP:</b><br/>85.6(L)×67.5(W)×24.8(H)mm</p> <p><b>SW-08HP:</b><br/>147.5(L)×90.5(W)×24(H)mm</p>             |
| <b>Safety :</b>                              | CE,FCC   |
| <b>Weight</b>                                | <p><b>SW-05HP:</b> About79.2g</p> <p><b>SW-08HP:</b> About 190.0g</p>  |

## Installation of SW-05HP/SW-08HP

The **SW-05HP/SW-08HP** 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 and PORT LED for each connected port should light up.
4. The switch is ready to operate.