

## USH5008-IM

### 8-Port 10/100Mbps SOHO Switch with Internal Power

Store - and - Forward Switch for Fast Ethernet Network



#### FEATURES

- Complies with 10MBASE-T specifications of the IEEE802.3 standard
- Complies with 100MBASE-TX specifications of the IEEE802.3u standard
- 8 \* 10/100Mbps RJ-45 Nway ports
- Supports NWay protocol for speed (10/100Mbps) and duplex mode (Half/Full) auto-detection
- Supports MDI/MDI-X auto crossover
- Supports full and half duplex operation on all ports
- Supports back-pressure (half duplex) and flow control (IEEE 802.3x)
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragment & CRC error packets
- Support Pause-Frame-Base flow control on full-duplex ports
- Supports 1K MAC address entries in whole system
- 768K bytes buffer memory
- Supports extensive LED indicators for network diagnostics
- Internal power supply

#### OVERVIEW

This is a 10/100 Mbps Nway switch with outstanding performance and high efficiency. With the eight ports 10/100M auto-negotiation function, it fulfills the needs of connecting the partners of network with best network speed and duplex mode automatically. It's the ideal LAN switch for small office and home network. Unlike shared 10/100 Mbps networks, switch eliminates the bandwidth congestion problem by providing dedicated bandwidth. Duplex mode also doubles the bandwidth by enabling two-ways communication.

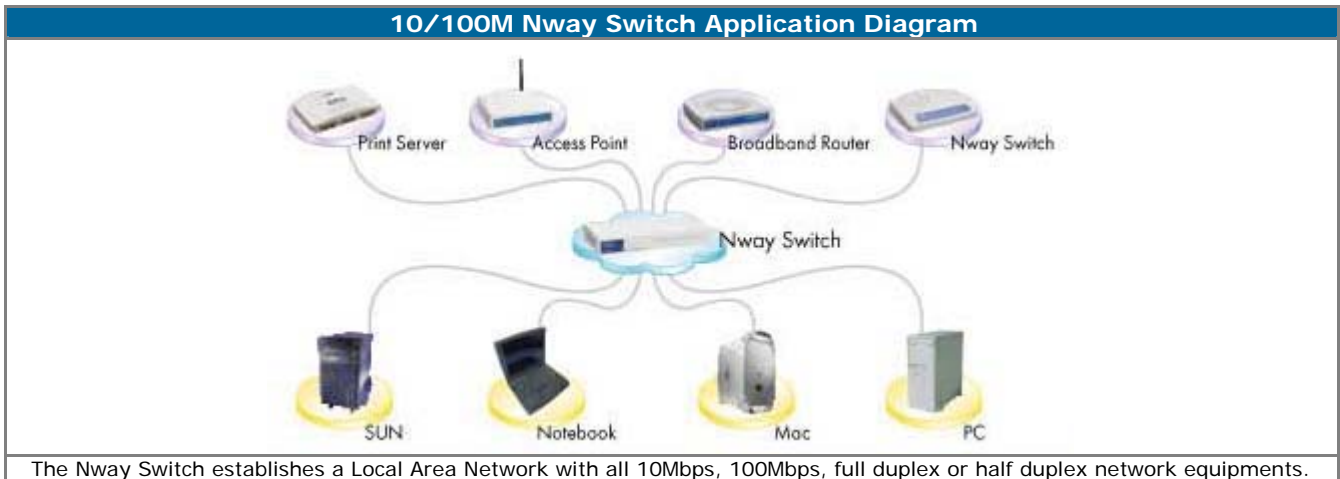
Store-and-forward service is the proof of low latency and non-error package delivering, such as CRC and runt error. Plug & play and all kinds of network protocols compilation make the installation & network management easily and fast. The Easy-to-tell LED indicators are the best helper of users to know the working situation of the switch. The switch is plug-and-play without any software to configure and also fully compliant with all kinds of network protocols. Moreover, plenty of diagnostic LEDs on the front panel provide the operating status of individual port and whole system.

A built-in switching power supply is suitable for universal power line AC source. Without external power adapter, it makes your installation environment clean and easier for power cable management.

## SPECIFICATIONS

System Specifications	
Network Standard	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3x full duplex operation and flow control
Interface	Eight 10/100M RJ-45 Nway ports
NWay Protocol Support	Network speed: 10Mbps and 100Mbps Duplex mode: Full and Half
Auto MDI-X Support	All ports
Cable Connections	RJ-45 (10Base-T): UTP Category 3,4,5 up to 100 meter RJ-45 (100Base-TX): UTP Category 5 up to 100 meter
MAC Address	1K MAC Address Entries
Buffer Memory	768K bytes for the whole system
Filtering/Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps
Rich LED indicators	System: Power (Green: power on; Off: power off) Port: Link/Act (Green: connected; Blinking: Transmitting; Off: disconnected)
Emission	FCC Class B, CE
Dimension	194(L) x 85(W) x 25(H) mm
Weight	436.8g
Power Supply	Internal Power 100-240VAC 3.3 V2A
Environment	
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-10°C to 70°C (14 °F to 158 °F)
Operating Humidity	10% to 90% Non-Condensing
Storage Humidity	5% to 90% Non-Condensing

## Application Diagram



## ORDERING INFORMATIONS

Model	Description
USH5008-IM	8-Port 10/100M Nway Switch with Internal Power

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USH5008-IM v1.0

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