

USH5008-XL

8-Port 10/100Mbps Nway Switch with auto MDI-X Function

Store - and - Forward Switch for Fast Ethernet Network



FEATURES

- Complies with IEEE802.3 and IEEE802.3u standards
- Eight RJ-45 ports for 100Base-TX and 10Base-T connectivity
- Supports NWay protocol for speed (10/100Mbps) and duplex mode (Half/Full) detection
- All ports with auto MDI-X function for switch-to-station and switch-to-switch connection with non crossover cable
- Mini size plastic case design
- Supports full and half duplex operation on all ports
- Operates at maximum packet filtering and forwarding rate
- Store and forward architecture filters fragment and CRC error packets
- Supports extensive LED indicators for network diagnostics

OVERVIEW

The device is a powerful, high performance Fast Ethernet switching hub, with all 8 ports capable of 10 or 100M auto-negotiation operation (NWay) which means the switch could automatically negotiate with the connected partners on the network speed and duplex mode. It is ideal for micro-segmenting large networks into smaller, connected subnets for improved performance, enabling the bandwidth demanding multimedia and imaging applications.

Moreover, the 10/100M auto-sensing ability provides an easy way to migrate 10M to 100M networks with no pain.

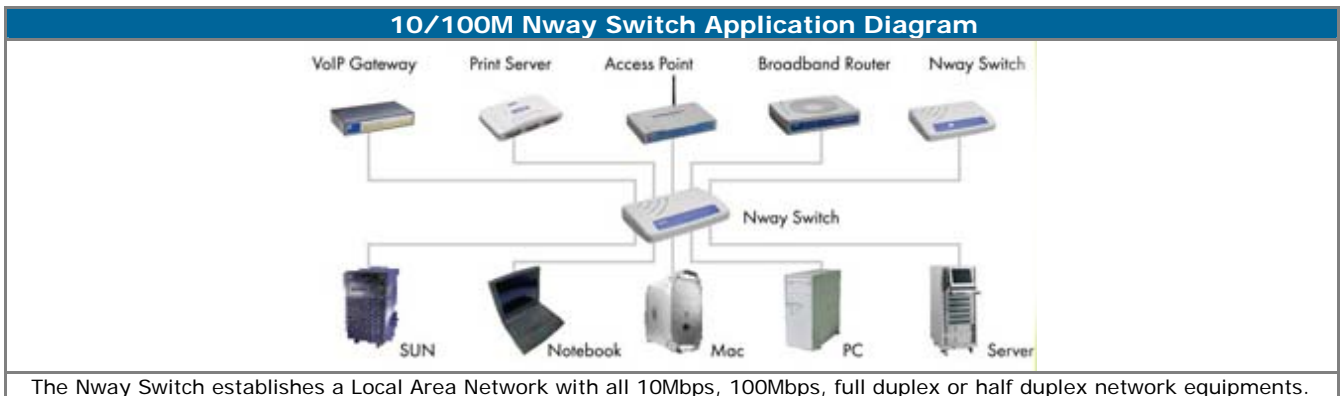
Compared to the shared 10M or 100M networks, the NWay switch delivers a dedicated 10/100M connection to every attached client with no bandwidth congestion issue. Store-and-forward switching mode promises the low latency plus eliminates all the network errors, including runt and CRC error packets. To work under full-duplex mode, transmission and reception of the frames can occur simultaneously without causing collisions as well as double the network bandwidth.

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.

SPECIFICATIONS

System Specifications	
Network Standard	IEEE802.3 10Base-T IEEE802.3u 100Base-TX
Interface	Eight 10/100M RJ-45 Nway ports
Auto MDI-X Support	All ports
NWay Protocol Support	Network speed: 10Mbps and 100Mbps Duplex mode: Full and Half
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	2K MAC Address Entries
Buffer Memory	1M bits for the whole system
Filtering/Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps
Emission	FCC Class A, CE
Rich LED indicators	System: Power Port: Speed, Link/Activity, FDX/COL
Dimension	170(L) x 110(W) x 32(H) mm
Power Adapter	+12VDC External Power Adapter
Environment	
Operating Temperature	0°C to 55°C (32°F to 122°F)
Storage Temperature	-20°C to 70°C (-4 °F to 158 °F)
Operating Humidity	10% to 90% Non-Condensing
Storage Humidity	0% to 95% Non-Condensing

Application Diagram



ORDERING INFORMATIONS

Model	Description
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EUSSO Technologies, Inc. is a dedicated data communication and networking company. With professional experiences in design, production, marketing and service support, we deliver the full range networking products including Gigabit Ethernet, Fiber Optic, Wireless LAN, Switches, Hubs, LAN cards, PCMCIA adapters, Converter, Transceivers. As well as Internet Telephony Gateway, Print Servers, Internet Sharing Servers and many others.

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