



USH5005-XPC

5-Port 10/100M Nway Switch

Store-and-Forward Architecture for Reliable Network



FEATURES

- Complies with IEEE802.3 and IEEE802.3u standards
- 5 x 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
- 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
- Supports 1K MAC address entries in whole system
- 512K bites buffer memory
- Mini size plastic case design

PACKAGE CONTENTS

- One 5-port SOHO Nway Switch
- One User's Manual
- One External Power Adapter

OVERVIEW

The 5-Port 10/100Mbps Nway Switch device is a powerful, high-performance Fast Ethernet switch, with all 5 ports capable of 10 or 100Mbps auto-negotiation operation (Nway), which means the switch could automatically negotiate with the connected partners on the network speed and duplex mode. All ports support auto MDI/MDI-X function, connecting switch to switch is more convenient with non-crossover cable.

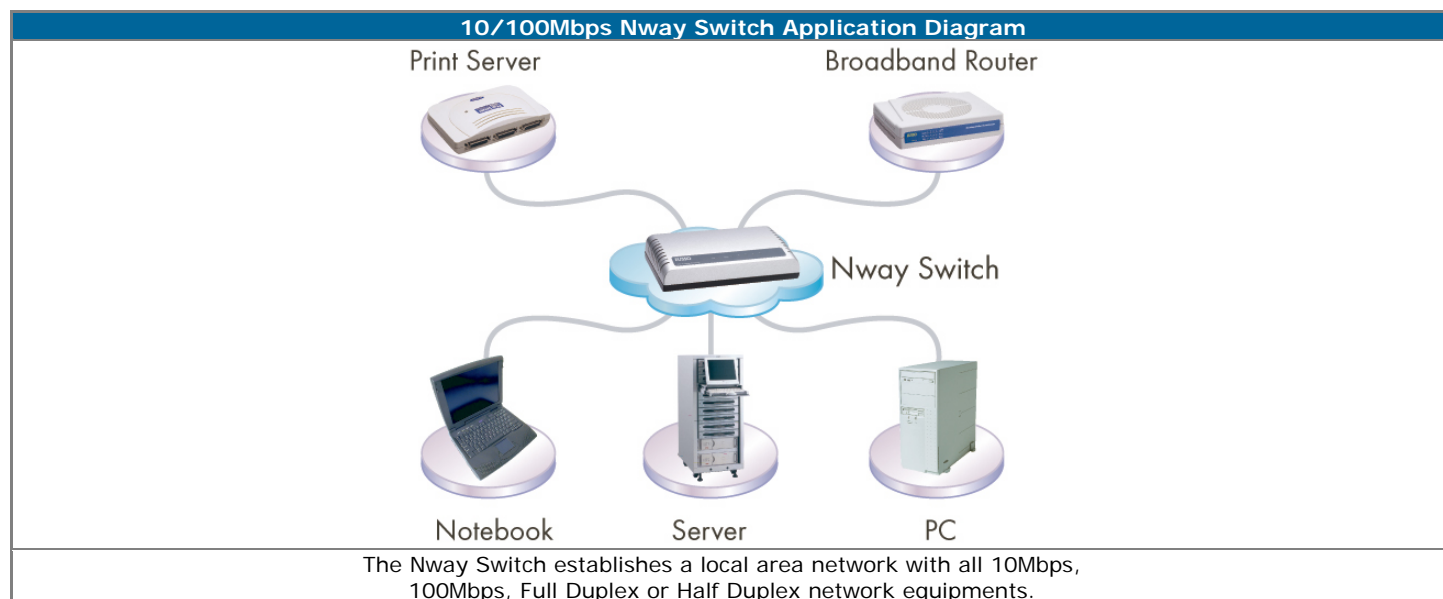
It is ideal for micro-segmenting large networks into smaller, connected subnets for improved performance, enabling the bandwidth demanding multimedia and imaging applications. Moreover, the 10/100Mbps auto-sensing ability provides an easy way to migrate 10Mbps to 100Mbps networks with no pain. Compared to the shared 10Mbps or 100Mbps networks, the switch delivers a dedicated 10/100Mbps 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 provide the operating status of individual port and whole system.

SPECIFICATIONS

System Specifications	
Ethernet Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3x Full duplex operation and flow control
Interface	5 * 10/100Mbps RJ-45 Ethernet ports
Uplink	Auto MDI/MDI-X (Auto Crossover)
Network Speed	10/100Mbps Full/Half duplex mode auto detection
Diagnostic LED	System: Power Link/Act: 10Mbps; 100Mbps
MAC Address Entry	1K MAC entries
Memory	512K bytes for the whole system
Filtering / Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps
Installation	Desktop plastic case, compact size
Operating Temperature	0° ~ 55°C (32° ~ 131°F)
Operation Humidity	10% ~ 95% (non-condensing)
Dimension	148 (L) x 78 (W) x 27 (H) mm
Weight	155g
Power Supply	External Power Adapter 5VDC, 0.6A
Emission Certification	CE, FCC, VCCI Class B

Application Diagram**ORDERING INFORMATIONS**

Model	Description
USH5005-XPC	5-port 10/100M SOHO Nway Switch

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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