



## USH5024-DXA

### 24-Port 10/100Mbps Nway Switch Fast Ethernet Store-and-Forward Switch

#### FEATURES

- Complies with IEEE802.3, IEEE802.3u, IEEE802.3x standards
- 24 \* RJ-45 ports for 10Mbps and 100Mbps connectivity
- Supports NWay protocol for speed (10/100Mbps) and duplex mode (Half/Full) detection
- Every switching port is automatically cross-over detection (MDI/MDI-X auto-detected)
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragment & CRC error packets
- Supports 8K MAC address entries in whole system
- 320KBytes buffer memory
- Supports extensive LED indicators for network diagnostics
- Desktop 10.5" metal case with 19" rack mount bracket
- Internal universal switching power supply

#### OVERVIEW

The device is a powerful, high-performance Fast Ethernet switch, with all 24 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.

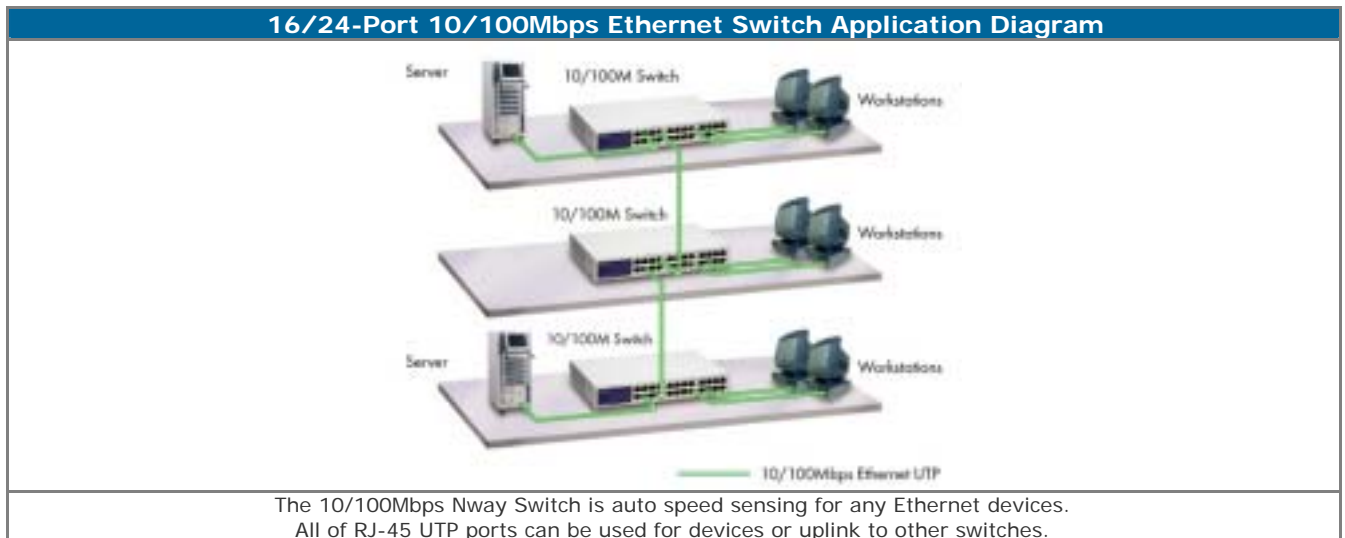
It is ideal for micro-segmenting large networks into smaller, connected subnets for improved performance, enabling the bandwidth demanding multimedia and imaging applications. Moreover, the 10/100Mbps auto-sensing ability provides an easy way to migrate 10Mbps to 100Mbps networks with no pain. Compared 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.

## SPECIFICATIONS

System Specifications	
Standard	IEEE802.3 for 10BASE-T IEEE802.3u for 100BASE-TX IEEE802.3x Full-Duplex operation and Flow Control
Interface	24 * 10/100Mbps RJ-45 NWay ports
NWay Protocol Support	Network speed: 10Mbps and 100Mbps Duplex mode: Full and Half
Buffer Memory	320KBytes 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: Link/Activity
Operating Temperature	0° ~ 50°C (32° ~ 122°F)
Operation Humidity	10% ~ 90% (non-condensing)
Dimension	267 x 161 x 42 mm
Power Supply	100 ~ 240VAC, 50~60 Hz (internal 3.3V 4A)
Installation	10.5" Desktop metal case with 19" rack mount bracket

## Application Diagram



## ORDERING INFORMATIONS

Model	Description
USH5024-DXA	24-Port 10/100Mbps 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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