

## USH5024-RW

### 24-Port 10/100Mbps Nway Switch Web Smart



Store - and - Forward Switch for Fast Ethernet Network

#### FEATURES

- 24 fixed 10/100Mbps Fast Ethernet ports for easy network connecting application
- Provide Auto-discovery Function for easy Network management
- Provide 8K MAC address entries and 24 groups VLAN table
- Support up to 4 ports and 6 groups port aggregation
- Supports 3 types of QoS priority for port base, 802.1p & TCP/IP TOS/DiffServ(DS) priority field
- Support full duplex flow control and half duplex back pressure
- Store-and-forward forwarding scheme
- Error packet filtering
- Supports 320K bytes buffer Memory
- Support local Console port or Web-based UI for configuration
- Internal switching power supply (100-240Vac/50-60Hz)

#### OVERVIEW

The USH5024-RW is a 24-port 10/100Mbps Ethernet Web Smart Switch. Compare to the traditional 10/100Mbps Ethernet, the switch delivers a dedicated Fast Ethernet connection to every attached client with no congestion issue. The NWay auto-negotiation operation automatically negotiates with the connected partners on the network speed and duplex mode; that provides an easy way to integrate 10/100Mbps networks with no pain. It is ideal for micro-segmenting large networks into smaller, connected subnets for improved performance, enabling the bandwidth demanding multimedia and imaging applications.

Out of the ordinary dumb switches, the 24-port Fast Ethernet Web Smart Switch embedded advanced management capability; that the device can be managed through console port or web-based UI. This is much useful for system manager to monitor and control the system efficiently.

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**

<b>System Specifications</b>	
Network Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3x full-duplex operation and flow control IEEE802.1p Traffic prioritization
Interface	24 * 10/100Mbps auto MDI/MDI-X RJ-45 switching ports 1 * RS-232 Console port
Network Data Rate	10/100Mbps Auto-negotiation
Transmission Mode	10/100Mbps Full-duplex, Half-duplex
LED indications	System: Power RJ-45 Port: 10/100M Link/Act
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	8K MAC Address Entries
Buffer Memory	320K bytes Buffer Memory
Filtering/Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps
Emission	FCC Class A, CE Mark Class A
Dimension	440(L) x 130(W) x 44(H) mm
Power Adapter	Internal power 100-240V/ 50-60Hz
<b>Software Specifications</b>	
Management Port	Local Console port, Web interface
System	Mac Address, S/W H/W Version, System name, IP Address, Subnet Mask, Gateway, Name, Password
Ports	Bandwidth: Disable/128K/256K/512K/1M/2M/4M/8Mbps Operation Mode: Auto Speed, 10M half, 10M full, 100M half, 100M full Flow Control: Enable or Disable Link/Status: To show the status
VLANS	24 VLAN groups total in Port Based VLAN
Aggregation/Trunking	Supports 6 trunk groups for network application
Qos	Quality of Service: TOS, Tag Base, and Port base
System Tools	Discovery other device, Restore to default values, Reboot device
<b>Environment</b>	
Operating Temperature	0°C to 40°C (32°F to 104°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

**ORDERING INFORMATION**

<b>Model</b>	<b>Description</b>
USH5024-RW	24-Port 10/100M Web Smart 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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