

USH5024-R1

24-Port 10/100M Smart Switch with Optional 2-Port Fiber Module

24-Port 10/100Mbps Rackmount Smart Switch



FEATURES

- Complies with 10BASE-T specifications of the IEEE802.3 standard
- Complies with 100BASE-TX/100BASE-FX specifications of IEEE802.3u standard
- Complies with IEEE802.3x Full Duplex operation and Flow Control
- 24 * RJ-45 ports for 10/100Mbps connectivity
- 1 * slide-in slot for optional module with 2 fiber SC ports
- Supports NWay protocol for speed (10/100Mbps) and duplex mode (Full/Half) auto-detection
- Supports auto MDI/MDI-X function on all ports
- Supports Full/Half Duplex mode on 10/100Mbps speed
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragment & CRC error packets
- Supports 26 groups port-based / 802.1Q VLAN
- Supports 7 groups port-trunk
- Supports bandwidth control in steps of 10% from 100% to 10% at current connecting speed
- Internal universal switching power supply

OVERVIEW

The device is a powerful, high-performance Fast Ethernet switch which provides smart and efficient management functions and support up to 26 ports connection, where 24 fixed ports of them are capable of 10/100Mbps with Full/Half duplex capability. An optional removable slide-in module is available with 2 ports supporting fiber connections for 100BASE-FX of type SC.

This switch supports various port administrations including speed/duplex/flow control, ports trunk (port aggregation), port-based / 802.1Q VLAN configurations, bandwidth control features, port mirroring functions and also some easy miscellaneous administrative features.

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-n-play without any software to configure and also fully compliant with all kinds of network protocols. Moreover, the rich diagnostic LED on the front-panel can provide the operating status of individual port and whole system.

SPECIFICATIONS

System Specifications	
Standards	IEEE802.3 10Base-T standards IEEE802.3u 100Base-TX standards IEEE802.3u 100Base-FX standards IEEE802.3x Full Duplex operation and flow control standards
Interface	24 * RJ-45 10/100Mbps ports (Auto MDI-X) 1 * slide-in slot for optional module with 2 fiber SC ports One RS-232 console port
Nway Protocol Support	Network speed: 10Mbps, 100Mbps and 1000Mbps Duplex mode: Full and Half
Smart Function	26 groups port-based / 802.1Q VLAN 7 groups IEEE 802.3ad port-trunk
MAC Address Entry	4K MAC address entries
Memory	384K bytes buffer for packet switching
Filtering Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps
Cable Connection	RJ-45 (10BASE-T): Category 3,4,5 UTP/STP RJ-45 (100BASE-TX): Category 5 UTP/STP 100BASE-FX: 62.5/125 or 50/125µm multi-mode fiber optic
LED Indicator	System: Power Port: 10/100Mbps
Operating Temperature	0° - 50°C (32° - 122°F)
Operating Humidity	10% ~ 90% (non-condensing)
Power Supply	100 ~ 240VAC, 50~60 Hz
Emission	FCC Class A, CE

ORDERING INFORMATIONS

Model	Description
USH5024-R1	24-Port 10/100M Smart Switch with Optional Fiber Module Slot
USM5024-R1.SC	2-Port 100Base-FX Fiber Module with SC Connector

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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