USH5032-CR

32-Port 10/100M Rackmount Nway Switch with Auto MDI-X function

Internal Power Supply

FEATURES

- Complies with IEEE802.3, IEEE802.3u standard
- 32 * 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 4K MAC address entries in whole system
- 1M Bytes buffer memory
- Supports extensive LED indicators for network diagnostics
- 19-inch standard rack-mountable design
- Internal universal switching power supply

OVERVIEW

The 32-Port 10/100M Nway Switch device is a powerful, high-performance Fast Ethernet switch, with all 32 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, the rich diagnostic LED on the front panel can provide the operating status of individual port and whole system.

SPECIFICATIONS

System Specifications	
Standard	IEEE802.3 for 10BASE-T IEEE802.3u for 100BASE-TX
Interface	32 * 10/100Mbps RJ-45 NWay ports
NWay Protocol Support	Network speed: 10 / 100Mbps Duplex mode: Full and Half
Auto MDI/MDI-X Support	All 32 ports with auto MDI/MDI-X function
MAC Address Table	4K entries
System Memory	1M Bytes for the whole system
Network Data Rate	10Mbps for 10Base-T 100Mbps for 100Base-TX
Filtering/Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps
Cable Connections	RJ-45 (10BASE-T): UTP Category 3, 4, 5 RJ-45 (100Base-TX): UTP Category 5
LED indicators	System: Power, Port: 100M, Link/Activity
Power Supply	100~240VAC, 50/60Hz Internal Switching Power Supply
Dimension	440 x 120 x 45 mm / 17.3 x 4.72 x 1.75 inches
Weight	2.4kg / 5.3 lb
Emission	FCC Class A, CE
Environment	
Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Operating Humidity	10% to 95% Non-Condensing
Storage Humidity	0% to 95% Non-Condensing

ORDERING INFORMATIONS

Model	Description
USH5032-CR	32-Port 10/100M Rackmount Nway Switch with Auto MDI-X function

USH5032-CR v1.0

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