Micro-Switch/8

8 Port 10/100 Base-TX Fast Ethernet Switch

Features

- Complies with IEEE802.3, IEEE802.3u standards.
- 8 10/100Mbps Auto-Negotiation RJ45 ports supporting Auto-MDI/MDIX.
- Supports IEEE802.3x flow control for Full Duplex mode and backpressure for half-duplex mode.
- Supports MAC address auto-learning and auto-aging.
- LED indicators for monitoring power, link, activity.
- Steel case, desktop
- External Power Adapter supply

FEP-32008T-3

Part Number	Description
FEP-32008T-3	Compact 8-Port 10/100 Base-TX Fast Ethernet Switch

Unicom's Micro-Switch/8 is a compact 8 port 10/100 Fast Ethernet Switch designed for small work groups. This switch provides 8 N-Way 10/100Mbps RJ-45 ports with an Auto MDI-MDIX Crossover function and will automatically detect the speed of the device that you plug into it allowing you to use both 10Mbps and 100Mbps. The Micro-Switch/8 has a dedicated 10/100Mbps bandwidth. The full-duplex operation mode effectively doubles the bandwidth for each port. It can increase the bandwidth of the 10M Ethernet port and the 100Mbps Fast Ethernet port to 20Mbps and 200Mbps, respectively. To enhance the packet transmission, this switch supports IEEE 802.3 full-duplex flow control and half-duplex back pressure congestion control. In addition, the Micro-Switch/8 executes the method of store-and-forward by auto-learning and stores source addresses on a 4K-entry MAC address table.

*Automatic MDI/MDIX Crossover

Most hubs and switches are designed with one uplink port to cascade other hubs or switches. Now, the Micro-Switch/8 supports new MDI/MDIX technology - each port can be either a normal port or an uplink port offering an automatic crossover function to either 10Base-T or 100Base-TX allowing you to use either a pin-to-pin or crossover cable with no worry.

Specifications

Standards and Protocols	IEEE802.3, 802.3u, 802.3z, 802.3x
	CSMA/CD, TCP/IP
Basic Function	Full Duplex Wire-Speed Forwarding
	MAC Address Auto-Learning and Auto-updating
	IEEE802.3x Flow Control for Full-Duplex Mode and 802.3z Asymmetric Flow Control
Switching capacity	1.6 Gbps
MAC Address Table	4k
Forwarding Rate	10BASE-T: 14880pps/port
	100BASE-TX: 148800pps/port
Transmission Method	Store-and-Forward
Ports	8 10/100Mbps Auto-Negotiation RJ45 ports (Auto MDI/MDIX)
Network Media	10Base-T:UTP category 3,4,5 cable (maximum100m),
	EIA/TIA-568 100Ù STP (maximum 100m)，
	100Base-Tx: UTP category 5, 5e cable (maximum 100m)，
	EIA/TIA-568 100Ù STP (maximum 100m)
Environment	Operating Temperature: 0℃~40℃ (32℉~104℉)
	Storage Temperature: -40℃~70℃ (-40℉~158℉)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing
LED Indicators	Power, 10/100M
Packing Size	19.2*14.1*6.4cm
Switch Size	13.7*7.5*2.5cm
Unit weight	420g
AC adaptor	12V 0.5A

A Network Systems Solution

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