

Micro-Switch/8

8 Port 10/100 Base-TX Fast Ethernet Switch

Features

- Conforms to IEEE 802.3, 802.3u, and 802.3x standards
- 8 N-way 10/100TX Ethernet RJ-45 ports
- Automatic MDI/MDIX Crossover* for 10Base-T & 100Base-TX ports
- Back pressure for Half-duplex, Flow control for Full-duplex
- Store-and-forward switching architecture
- Port-Based Priority (CoS)
- Non-blocking and Full wire speed forwarding rate
- 768K DRAM frame buffer
- 1K-entry MAC address table
- Durable metal case

Perfect for Home/Small Office



Micro-Switch/8
 8 Port 10/100Base-TX Fast Ethernet Switch
 FEP-32008T-2

PART NUMBER	DESCRIPTION
FEP-32008T-2	8-Port 10/100Base-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 eight 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 1K-entry MAC address table.

Port-Based Priority CoS

Class of Service (CoS) is a way of managing traffic in a network by grouping similar types of traffic together (i.e., e-mail, streaming video, voice, large document file transfer, etc.) and treating each type as a class with its own level of service priority. When port-based priority is applied, packets received from the high-priority port are sent to the high-priority queue of the destination port.

SPECIFICATIONS

Standard Compliance:	IEEE 802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX Fast Ethernet, IEEE 802.3x Flow Control and Back-pressure, ANSI-IEEE Standard 802.3 N-Way Auto-Negotiation
Interface:	Eight (8) Auto-sensing RJ-45 Jacks (Port 7 & 8 support CoS)
Protocol:	CSMA/CD
Transfer Rate:	14,880 pps for 10Mbps, 148,800 pps for 100Mbps
LED Indicators:	Per port: Link/Activity, Per unit: Power
Dimensions:	139mm x 66mm x 22mm (W x D x H)
Operating Temperature:	0°C - 45°C (32°F - 113°F)
Operating Humidity:	10% to 90% (Non-condensing)
Power Supply:	External power supply, DC 9V, 700mA
EMI:	FCC Class B, CE Mark
Power Consumption:	5.8W (Maximum)
Mac Address:	1K Mac address table
Memory Buffer:	768KBits
Warranty:	Lifetime Warranty

IEEE 802.1p CoS

Change?

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