

## ***EP-824DX***

### ***24-Port 10/100M Ethernet Rack-mount Switch***



EP-824DX provides hi-speed full-duplex data transmission for network. This switch provides 24 10/100Mbps RJ-45 ports. With its Auto MDI/MDI-X and auto negotiation functionalities, it's easy to install and maintain. Besides, it supports max. 1552 bytes packet length makes network special application easier.

EP-824DX, rack-mountable switch, is specially designed for SMB or even SOHO users as these devices are extremely user-friendly. So, why not adopting this solution to set up or expand your network infrastructure.

#### **Feature**

- Conforms to IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX and IEEE 802.3x flow control standards
- 24 10/100Mbps RJ-45 ports
- Supports auto-negotiation of 10/100Mbps, half/full duplex mode and 802.3x flow control
- Supports TP interface auto MDI/MDI-X function for auto TX/RX swap
- Supports maximum packet length up to 1552 bytes
- Supports 802.3x flow control for full duplex operation mode
- Supports back pressure in half-duplex operation mode
- Supports MAC address learning and aging functionalities
- Supports non-blocking full wire speed store and forward packets switching

## Specifications

Model	EP-824DX		
Description	24-Port 10/100M Ethernet Rack-mount Switch		
Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX		
Media	10BASE-T: UTP Cat. 3, 4, 5 or up 100BASE-TX: UTP Cat. 5 or up		
No. of Port	24 10/100Mbps RJ-45 ports		
Auto MDI/MDI-X	Yes		
Connection Mode	10/100Mbps, full/half-duplex (auto-negotiation)		
Flow Control	IEEE 802.3x flow control for full-duplex Back pressure in half-duplex operation mode		
Backplane (Throughput)	4.8Gbps (non-blocking wire-speed)		
Switching Method	Store & forward		
Transfer Rate	10Mbps: 14880pps (64 Bytes Packets) 100Mbps: 148800pps (64 Bytes Packets)		
Forwarding Packet Length	Max. 1552 Bytes		
MAC Address Table	8K		
RAM Buffer	160Kbytes		
LEDs	Link/Act, FDX/Col., 100 and Power Status		
Power Supply	Internal Switching Power (AC 90~264V, 47~63Hz)		
Power Consumption	Max. 8.96W		
Environmental		Temperature	Humidity
Temperature	Operation	0°C ~45°C	10%~90%
Humidity	Storage	0°C ~60°C	5%~95%
Physical Dimension	440 x 148.5 x 44 mm		
Conformance	FCC Class A, CE Mark Class A		

## Ordering Information

Model	Description
EP-824DX	24-Port 10/100M Ethernet Rack-mount Switch

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