

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

### ***24 Port 10/100 Ethernet Rack-mount Smart Switch with Fiber Support***

- VLAN/Trunk/QoS/Bandwidth Control
- Best Solution for SMB's Layer 2 edge switch
- Standard 19" Rack-Mount Housing
- Provides 1 Slide-in Slot for Fiber Uplink



SURECOM's EP-824DX-FS, 24 Port 10/100M Ethernet Smart Switch, provides one slide-in slot for fiber connectivity. This optional expansion solution ensures the greatest ROI (Return Of Investment) as well as the highest flexibility of usage. EP-824DX-FS, 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, IEEE802.3u 100BASE-TX/FX and IEEE 802.3x flow control standards
- Supports 10/100M auto-detect half/full duplex
- Supports TP interface auto MDI/MDI-X function for auto TX/RX swap
- Supports 802.3x flow control pause packet for full duplex
- Supports up to 32 VLAN groups entries for port based VLAN.
- Supports up to 7 Trunk groups function with load balance and fault tolerance
- Supports 2-level CoS (Class of Service)
- Provides 8-level bandwidth control for each port
- Compile with standard 19" Rack-mount size designed

## Specifications

Model	EP-824DX-FS		
Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX / FX		
Media	10BASE-T: UTP Cat. 3, 4, 5 or up 100BASE-TX: UTP Cat. 5 or up 100BASE-FX: multi-mode 50/125, 62.5/125 um		
No. of Port	24 10/100Mbps RJ-45 ports		
No. of Slot	1 shared expansion slot for 100BASE-FX module		
Console Port	Yes		
Auto MDI/MDI-X	Yes		
Transmission Mode	10/100Mbps, full/half-duplex (Auto-sensing)		
Forwarding Rate	10Mbps: 14880pps (64 Bytes Package) 100Mbps: 148800pps (64 Bytes Package)		
Flow Control	IEEE 802.3x flow control for full-duplex Back pressure in half-duplex operation mode		
Switching Method	Store & forward		
MAC Address Table	8K		
RAM Buffer	2.5Mbit		
Backplane Bandwidth	8.8Gbps		
VLAN	Up to 32 VLAN groups entries for port based VLAN.		
Trunk	Up to 7 Trunk groups function with load balance and fault tolerance		
QoS	2-level with port-based, 802.1p priority tag, TCP/IP header's TOS/DS classifier		
Bandwidth Control	8-level for each port		
IGMP Snooping	Yes		
Power Supply	Internal Switching Power (AC90~264V, 47~63Hz)		
Environmental	Temperature	Humidity	
Temperature	Operation	0 ~45	10%~90%
Humidity	Storage	0 ~60	5%~95%
Physical Dimension	440 x 148.5 x 44 mm		
Conformance	FCC Class A, CE Mark Class A		

## Ordering Information

Model	Description
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### SURECOM Technology Corp.

6F, No.125, Sec. 2, Datung Road, Shijr City, Taipei 221, Taiwan

Tel: 886-2-8692-6200 Fax: 886-2-8692-6132

E-mail: [sales@surecom.com.tw](mailto:sales@surecom.com.tw) website: [www.surecom.com.tw](http://www.surecom.com.tw)