

EP-824DX-FW

24-Port 10/100M Ethernet Rack-mount Web Smart Switch

- Standard 19" Rack-Mount Housing
- Provides 1 Slide-in Slot for Fiber Uplink
- Best Solution for SMB's Layer 2 edge switch
- Supports Windows-based RMT (Remote Management Tool) software
- VLAN/Trunk/QoS/Bandwidth Control



SURECOM EP-824DX-FW, 24-Port 10/100M Ethernet Web 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-FW, rack-mountable web smart switch, is specially designed for SMB or even SOHO users as these devices are extremely user-friendly.

Feature

- Conforms to IEEE 802.3 10BASE-T, IEEE802.3u 100BASE-TX/FX and IEEE 802.3x flow control standards
- Supports 24 10/100M auto-detect half/full duplex RJ-45 ports
- 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 group entries for port-based VLAN and 802.1Q tag VLAN
- Supports up to 6 Trunk groups function with load balance and fault tolerance
- Supports two priority queues for three types of Class of Service (CoS)
 - Port-based
 - 802.1p priority tag
 - TCP/IP header's TOS/DS classifier
- Supports simple MIB counters
- Provides configurable Port Mirror function
- Provides 8-level bandwidth control for each port
- Supports Windows-based Remote Management Tool (RMT) software for configuration and management
- Complies with standard 19" Rack-mount size design

Specifications

Model	EP-824DX-FW	
Description	24-Port 10/100M Ethernet Rack-mount Web Smart Switch	
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	
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	1.25 Mbits	
Backplane Bandwidth	4.8 Gbps	
VLAN	Up to 32 VLAN group entries	
Trunk	Up to 6 Trunk groups	
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	
Configuration & Management	Windows-based RMT (Remote Management Tool) software	
LEDs	Power, 100M, FDX/COL, Link/ACT	
Power Supply	Internal Switching Power (AC90~264V, 47~63Hz)	
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

Module Model	Description
EP-824DX-FW	24-Port 10/100M Ethernet Rack-mount Web Smart Switch
EP-101X-SC	100M SC type (multi-mode module)
EP-101X-ST	100M ST type (multi-mode module)

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 website: www.surecom.com.tw