EP-816DX/EP-816DX-FS
16 Port 10/100 Ethernet Rack-mount Switch

EP-816DX   EP-816DX-FS

SURECOM's 16 Port Switch series include EP-816DX and EP-816DX-FS providing 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. What's more? EP-816DX-FS supports VLAN, QoS, which allow you to administrate your network securely and efficiently. EP-816DX, rack-mountable switch, are 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 and IEEE 802.3x flow control standards

Supports 10/100M auto-detect half/full duplex and Auto-Negotiation

Supports TP interface auto MDI/MDI-X function for auto TX/RX swap

Supports 802.3x flow control pause packet for full duplex

Supports back pressure in half-duplex operation mode

Supports store & forward architecture and performs forwarding and filtering at non-blocking full wire speed

Source address learning and aging function (Configurable for EP-816DX-FS)

Supports packet length up to 1522 bytes

Broadcast Storming Filter function

Supports 1 expansion fiber slide in module for optional (EP-816DX-FS only)

Provides 1 RS-232 Console Port to configure Smart function (EP-816DX-FS only)

Supports port based VLAN (EP-816DX-FS only)

Supports MAC Address Clone (EP-816DX-FS only)

Supports priority features by Port-Based, 802.1p VLAN & IP TOS of packets (EP-816DX-FS only)

LEDs to indicate: FDX/Col., 100 (10/100Mbps), Link/Act by per port

Specifications

Model	EP-816DX	EP-816DX-FS
Description	16 Port 10/100M Ethernet Rack-mount Switch	16 Port 10/100M Ethernet Rack-mount 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	16 10/100Mbps RJ-45 ports	
Console Port	No	Yes
Auto MDI/MDI-X	Yes	
Slide-in Slot	-----	1
Port Module Option	-----	100Mbps Multi / Single Mode Fiber
Fiber Connector Type	-----	ST, SC (for Multi / Single Mode)
VLAN	No	Yes (16 VLAN Groups)
QoS	No	Yes (2-Level)
Broadcast Storm Filtering	Yes	
Transmission Mode	10/100Mbps, full/half-duplex (Auto-sensing)	
Transfer 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	2K	8K
RAM Buffer	96KB	512KB
Power Supply	Internal Switching Power (AC90~264V, 47~63Hz)	
Environmental Temperature Humidity	Temperature Humidity Operation 0 ~45 10%~90% Storage 0 ~60 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-816DX	16 Port 10/100M Ethernet Rack-mount Switch
EP-816DX-FS	16 Port 10/100M Ethernet Rack-mount Smart Switch with Fiber Support
101X-SC	100M SC type (multi mode)
101X-ST	100M ST type (multi mode)

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