

16-Port Rack-mount Switch



EP-816DX



EP-816DX-F



EP-816DX-FS

SURECOM unveils a series of 16-Port Rack-mount switches, including EP-816DX, EP-816DX-F and EP-816DX-FS. Both EP-816DX-F and EP-816DX-FS support fiber optic access. What's more? EP-816DX-FS is a smart switch that provides VLAN and Trunk function. These features make users administrate their network efficiently as well as protect their system securely.

Fiber Connectivity

EP-816DX-F and EP-816DX-FS are with slide-in slot for a fiber port module insertion. Option of fiber port module includes 100M multi or single mode fiber optic. Equipping a 100M single mode fiber port module, data transmission can reach as far as 30km. More options of fiber port module are available upon your requirement.

Easy Management

EP-816DX-FS supports port-based VLAN and Trunk functions. Up to 16 VLAN groups can be set up. Moreover, total 800Mbps bandwidth (under full-duplex mode) will be available by configure specific 4 ports to be a Trunk group. Both features, VLAN and Trunk allow users to secure their network as well as enjoy broad bandwidth.

Auto MDI/MDIX Crossover

These Ethernet switches provide 16 10/100M RJ-45 ports. All of these 16 ports support auto MDI/MDIX function. From now on, you don't need to worry about media issue. All you have to do is to power on and easily install the device.

Features

- Conforms to IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX standards
- Provides 16 10/100Mbps auto MDI/MDIX RJ-45 ports
- Supports 1 expansion fiber slide-in module for option (except EP-816DX)
- Provides 1 console port (EP-816DX-FS only)
- Supports port-based VLAN and Trunk (EP-816DX-FS only)
- Provides Non-Blocking 16 ports for full wire speed access
- Supports store and forward switching method
- Conforms to IEEE 802.3x back pressure in half-duplex and flow control in full-duplex operation mode

Specification

Model	EP-816DX	EP-816DX-F	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, IEEE 802.3x		
Protocol	CSMA/CD		
Media	10BASE-T: UTP Cat.3, 4, 5 100 BASE-TX: UTP Cat.5	10BASE-T: UTP Cat.3, 4, 5 100 BASE-TX: UTP Cat.5 100BASE-FX: 50/125, 62.5/125 um multi-mode fiber optic 8/125, 9/125 um single-mode fiber optic	
No. of Port	16 100/10 Mbps RJ-45 ports		
Auto MDI/MDIX	Yes		
Console Port	----	----	1
Slide-in Slot	----	1	1
Port Module Option	----	100M Multi/Single Mode Fiber	
Fiber Connector Type	----	ST, SC, MT-RJ (for Multi/Single Mode)	
VLAN	----	----	Port-Based VLAN (up to 16 VLANs)
Trunk	----	----	2 Groups (Max.2ports/per group)
Transmission Mode	10/100M bps, Full/Half-Duplex (Auto-sensing)		
Transfer Rate	10 Mbps: 14880 pps	100 Mbps: 148800 pps	
Switching Method	Store and Forward		
MAC Address Table	2K		
RAM Buffer	1Mbit		
Power Supply	Internal Switch Power (AC90~264V, 47~63Hz)		
Physical Dimension	440 x 148.5 x 44 mm		
Case Material	Metal		
Conformance	FCC, CE		

Fiber Port Module Option

Module No.	Description	Ethernet Switch Model No.		
		EP-816DX	EP-816DX-F	EP-816DX-FS
EP-101X-SC	100M multi mode, SC type transceiver	-	V	V
EP-101X-ST	100M multi mode, ST type transceiver	-	V	V
EP-101X-M	100M multi mode, MT-RJ type transceiver	-	V	V
EP-101X-SC-30	100M single mode, SC type transceiver, 30km	-	V	V

Ordering Information

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

EP-816DX-F : 16-Port 10/100M Ethernet Rack-mount Switch

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