

24-Port Rack-mount Switch



EP-824DX



EP-824DX-F



EP-824DX-FS

SURECOM has launched a series of 24-Port Rack-mount switches, including EP-824DX, EP-824DX-F and EP-824DX-FS. Both EP-824DX-F and EP-824DX-FS support fiber optic access. Moreover, EP-824DX-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-824DX-F and EP-824DX-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-824DX-FS supports port-based VLAN and Trunk functions. Up to 24 VLAN groups can be set up. Besides this, EP-824DX-FS supports IP-based, Tag-based and port-based QoS management, which make your network work efficiently.

Auto MDI/MDIX Crossover

These Ethernet switches provide 24 10/100M Auto MDI/MDIX RJ-45 ports. 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, IEEE 802.3u, 100BASE-TX and IEEE 802.3x flow control standards.
- Provides 24 10/100Mbps RJ-45 ports.
- Support 1 expansion fiber slide-in module for optional (except EP-824DX)
- Provides 1 console port (EP-824DX-FS only)
- Supports 10/100Mbps auto-detect Half/Full duplex
- Supports store and forward architecture and performs forwarding and filtering at non-blocking full wire speed
- Back pressure in half-duplex and flow control in full-duplex operation
- Supports TP interface Auto MDI/MDIX function for auto TX/RX swap
- Source address learning and aging function
- Support Port-based VLAN and QOS (IP-based/Tag-based/Port-based)

Specification

Model	EP-824DX	EP-824DX-F	EP-824DX-FS
Description	24-Port 10/100M Ethernet Rack-Mount Switch		24-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	24 100/10 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 24 VLANs)
QoS	----	----	QoS (IP-based, Tag-base, Port-based)
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	8K		
RAM Buffer	2.5Mbit		
Power Supply	Internal Switch 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		
Case Material	Metal		
Conformance	FCC Class A, CE Mark Class A		

Fiber Port Module Option

Module No.	Description	Ethernet Switch Model No.		
		EP-824DX	EP-824DX-F	EP-824DX-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-824DX : 24-Port 10/100M Ethernet Rack-mount Switch

EP-824DX-F : 24-Port 10/100M Ethernet Rack-mount Switch

EP-824DX-FS : 24-Port 10/100M Ethernet Rack-mount Smart Switch