

## 8-port Mini Switch



**EP-808X**



**EP-808SX**



**EP-808AX**

SURECOM's latest announced 8-Port Mini Ethernet Switch Series that include EP-808X, EP-808SX and EP-808AX are specially designed for different usage. It is extremely easy to set up your network by connecting PCs, Laptops, etc. with these devices.

### Ease of Use

EP-808SX and EP-808AX are with Auto MDI/MDIX function. Which cable should I use? Crossover or straightforward cable? With Auto MDI/MDIX crossover support, you are no longer suffering from that sort of headache.

### Flow Control Function

These devices fully conform to IEEE802.3x standard, backpressure in half-duplex and flow control in full-duplex operation mode. This function makes your network traffic move efficiently.

### Easy Expansion

These N-Way Mini Switches are ideal for deployment with multiple high-speed for sharing bandwidth 100Mbps or 10Mbps workgroups. You can easy expand you network infrastructure by cascading two or more switches together.

## Features

- Supports 8 10/100Mbps auto-detect Half/Full duplex switch ports with TX/RX interfaces
- Dual-Speed mode for large Dual-Speed Hub application through 100M backbone bandwidth between chip
- Supports store and forward architecture and performs forwarding and filtering at non-blocking full wire speed
- Supports 802.3x Flow Control pause packet for Full Duplex in case buffer is full
- Supports Back Pressure function for Half Duplex operation in case buffer is full
- Broadcast Storming Filter function
- Supports TP interface Auto MDIX function for auto TX/RX swap (EP-808SX, EP-808AX only)

## Specification

Model	EP-808X	EP-808SX	EP-808AX
Description	<b>8 Port 10/100M Ethernet Mini Switch</b>		
Standards	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Ethernet IEEE 802.3x Flow control for Full-Duplex		
Protocol	CSMA/CD		
Media	10BASE-T: UTP Cat.3, 4, 5 100BASE-TX: UTP Cat. 5		
No. of Port	8 10/100Mbps RJ-45 ports		
Uplink Port	Yes	-----	-----
Auto MDI/MDIX	-----	Yes	Yes
Backplane Spec.	Non-blocking wire-speed		
Transmission Mode	100/10 Mbps, Full/Half-Duplex (Auto-sensing)		
Transfer Rate	10 Mbps: 14880 pps 100 Mbps: 148800 pps		
Flow Control	IEEE 802.3x Flow control for Full-Duplex Back pressure for Flow control in Half-Duplex		
Switching Method	Store and forward		
MAC Address Table	1K	2K	2K
RAM Buffer	1Mbit	1Mbit	1Mbit
Power Supply	External Power Adapter (DC, 7.5V/1A)		
Environmental	Temperature		Humidity
Temperature	Operation	0°C ~45°C	10%~90%
Humidity	Storage	0°C ~60°C	5%~95%
Physical Dimension (mm)	165 x 87 x 30		165 x 86.1 x 23
Case Material	Plastic		Metal
Conformance	FCC Class A, CE Mark Class A		

## Ordering Information

EP-808X : 8-port 10/100M Ethernet Mini Switch

EP-808SX : 8-port 10/100M Ethernet Mini Switch

EP-808AX : 8-port 10/100M Ethernet Mini Switch