5-port Palm-sized Switch

EP-805X   **EP-805SX**   **EP-805AX**

SURECOM's latest announced 5-Port Mini Ethernet Switch Series that include EP-805X, EP-805SX and EP-805AX are specially designed for different usage. It is so easy to set up your network by connecting your PCs, Laptops, etc. with these devices.

Ease of Use

EP-805SX and EP-805AX 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.

Features

- Supports 5 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 &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-805SX, EP-805AX only)

Specification

Model	EP-805X	EP-805SX	EP-805AX
Description	**5 Port 10/100M Ethernet Mini Switch**		
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	5 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 Humidity Operation 0℃~45℃ 10%~90% Storage 0℃~60℃ 5%~95%		
Physical Dimension (mm)	128 x 66 x 26		128 x 65.3 x 23
Case Material	Plastic		Metal
Conformance	FCC Class A, CE Mark Class A		

Ordering Information

EP-805X：5-Port 10/100M Ethernet Mini Switch

EP-805SX：5-Port 10/100M Ethernet Mini Switch

EP-805AX：5-Port 10/100M Ethernet Mini Switch