

EP-805CG / EP-805CG-S

5 Port 10/100/1000M Gigabit Ethernet Desktop Smart Switch



EP-805CG



EP-805CG-S

SURECOM's EP-805CG/EP-805CG-S is designed for SME and SOHO users to increase backbone bandwidth. With 5 1000BASE-T ports · 10Gbps aggregate bandwidth and desktop modeling design, users can easily install and upgrade to Gigabit backbone. Besides, EP-805CG/ EP-805CG-S can seamlessly integrate with the rest of the network equipment through its Auto MDI/MDI-X, Auto Negotiation function. SURECOM's EP-805CG/ EP-805CG-S provides perfect migration to higher-speed networking while solving bandwidth issue.

Smart Function Provided For More Network Application

EP-805CG-S featuring smart function such as VLAN, QoS and Broadcast storm filtering. With its port-based VLAN configuration, users can be easily classified in logical without physical limitation. EP-805CG-S also supports 4-level Class of Service for more multi-media application. Advanced feature, Port Mirroring function provided on this 5 Port Gigabit Desktop Switch to allow users could more easily monitor network status.

Easy Installation and Configuration

EP-805CG/ EP-805CG-S conforms to plug and play for easy installation and use. With diagnostic LEDs and graphically software design, users can easily maintain and manage this switch without MIS or expert. EP-805CG/ EP-805CG-S is the most cost effect solution for brining higher speed to the desktop for SME and SOHO users.

Features

- Provides 5 10/100/1000Mbps RJ-45 ports
- Provides 1 console port for configuration (Only for EP-805CG-S)
- Supports Auto MDI/MDI-X and Auto Negotiation
- Supports half/full-duplex mode for all 10/100M ports and full duplex-mode for 1000M mode
- Provides store-and-forward forwarding scheme
- Supports Broadcast storm filtering
- Supports up to 8K MAC address entries
- Supports 4-level CoS (Class of Service) based on port basis, IEEE802.1p/1q VLAN tag priority, and TCP/IP header's TOS/DS (Only for EP-805CG-S)
- Provides 5 port-based VLANs (Only for EP-805CG-S)
- Supports port mirroring function (Only for EP-805CG-S)
- IEEE 802.3x flow control for full-duplex
- Back pressure flow control in half-duplex operation mode

Specification

Model	EP-805CG	EP-805CG-S
Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3x Flow Control	
Media	10BASE-T: UTP Cat. 3, 4, 5 or up 100BASE-TX: UTP Cat. 5 or up 1000BASE-T: UTP Cat. 5 or up	
Protocol	CSMA/CD	
Network Connector	5*10/100/1000Mbps RJ-45 ports	
Console Port	No	1 RS-232
MAC Address Table	8K	
RAM Buffer	256Kbyte	
Auto MDI/MDIX	Yes	
Speed Select	Auto-negotiation	
Switching Method	Store and forward	
Broadcast storm filtering	Yes	Yes
Port Mirroring	No	Yes
VLAN	No	5 port-based
CoS	No	4-level CoS
Power Supply	Internal Power, AC 90 ~ 240V, 50 ~ 60Hz	
Power Consumption	14.5W Max.	
LEDs	Power, TX, RX, 100M, 1000M	
Environmental	Temperature	Humidity
Temperature	Operation 0°C ~45°C	10%~90%
Humidity	Storage 0°C ~70°C	10%~90%
Dimension	250 X 150 X 43 mm	
Conformance	FCC Class A, CE Class A	

Ordering Information

Model No.	Description
EP-805CG	5 Port 10/100/1000M Gigabit Ethernet Desktop Switch
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