

## ***EP-826DG-S 24+2G Gigabit Ethernet Rack-mount Smart Switch***



SURECOM's lately introduced 24+2G Gigabit Ethernet Rack-Mount Smart Switch delivers the Gigabit speedy data transmission to meet your increasing bandwidth requirement. Powerful and practical smart functions supported make this switch be the perfect tool for your network planning or bandwidth allocating. This high-performance, cost-effective switch is the best solution to increasing bandwidth requirement.

### **Enhance Network Performance**

EP-826DG-S with 24 100/10Mbps ports plus 2 Gigabit port modules, gives the highest efficiency for extending or upgrading your network infrastructure. Via its high bandwidth, it provides high performance connectivity between workgroups and servers. It also can easily enhance your backbone performance, just slide Gigabit module in. Moreover, with Trunk function supported, it provides the more convenient usage of bandwidth.

### **Flexible, Smart Function**

EP-826DG-S provides smart function to manage the networking environment, such as VLAN, Trunk. It supports port-based VLAN. With the VLAN groups, users can be easily classified in logical without physical limitation. EP-826DG-S also supports Broadcasting Filtering function to prevent network congestion.

### **Features**

- Provides 24 10BASE-T/100BASE-TX ports & 2 slide-in slots for Copper or Fiber Gigabit port module insertion
- All the 10/100/1000Mbps ports support full /half-duplex modes and Auto MDI/MDI-X
- Provides store and forward switching scheme
- Performs forwarding and filtering at full wire speed
- Supports port-based VLAN
- Supports port trunk of up to 8 10/100Mbps ports and 2 Gigabit ports
- Provides bandwidth control for each port
- Supports Port Mirroring
- Complies with standard 19" Rack-mount size designed
- Provides rocker-switch to power on/off

## Specification

Model	<b>EP-826DG-S</b>		
Standards	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3x flow control for full-duplex IEEE 802.3ab 1000BASE-T IEEE 802.3z 1000BASE-SX IEEE 802.3ad link aggregation		
Media	10BASE-T:UTP Cat. 3, 4, 5 100BASE-T:UTP Cat.5 or up 1000BASE-T:UTP Cat.5 or up 1000BASE-X: Multi-mode 50/125, 62.5/125 um Single-mode 8/125, 9/125 um		
No. of 10/100M Port	24 * RJ-45 ports		
Expansion Slot Option	2 slide-in slots for Copper or Fiber Gigabit port module option		
Console Port	1*RS-232 DB-9		
MAC Address Table	8K		
RAM Buffer	768KB		
Flow Control	Flow control for full-duplex, Back pressure for half-duplex mode		
VLAN	8 Port-based Group VLANs		
Trunk	Up to 8 10/100Mbps ports and 2 Gigabit ports		
Bandwidth Control	8-level for each port		
Power Supply	Internal Switch Power (AC100~240V, 50~60Hz)		
Environmental	Temperature	Humidity	
Temperature	Operation	0°C ~45°C	10%~90%
Humidity	Storage	-20°C ~70°C	10%~90%
Physical Dimension	440 x 148.5 x 44 mm		
Conformance	FCC, CE		

## Ordering Information

Model No.	Description
EP-826DG-S	24+2G Gigabit Ethernet Rack-Mount Management Switch
101G-TX	1-Port 10/100/1000M Gigabit copper module
101G-SC	1000Base-SX Gigabit SC type transceiver

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