

EP-2726DG

Layer 3 24+2G Gigabit Ethernet Rack-Mount Management Switch



SURECOM's newly introduced EP-2726DG 24+2G Gigabit Layer 3 Management Switch delivers the power of Layer 3 routing and Gigabit speedy data transmission. Powerful and practical management functions supported make this solution be the perfect tool for your network administrators or MIS managers.

Optimizes Network Performance

In complex network infrastructure, broadcast packets usually affect the total performance of your system. Layer 3 packet switching mechanism of this device will solve broadcast storm and make data transmitted at full wire speed.

Supports Management Functions

EP-2726DG provides 1 RS-232 console port in the front panel for the administrators to configure, monitor, debug or manage the network easily and efficiently. Powerful and useful functions such as SNMP, VLAN, Spanning Tree, High/Low Priority Queues, Port-based/Address-based/Tag-based Priority, TOS/DHCP priority map, RMON, etc. are also supported.

Features

- Conforms to IEEE 802.3, 802.3u, 802.3ab, and IEEE802.3x standards
- 1 slide-in slot for equipping 2 Gigabit port modules
- Supports Auto MDI/MDIX on each 24*10/100M RJ-45 ports
- Supports half/full duplex mode for 10/100M and full duplex mode for 1000M
- Operates at maximum packet forwarding rate in 14880pps/10M, 148800pps/100M and 1488000pps/1000M
- Supports Broadcast storm filtering
- 32K MAC address entries and 64K IP address entries
- GRMP(GARP Multicast Registration Protocol), IGMP(Internet Group Management Protocol), and DVMRP (Distance Vector Multicast Routing Protocol) multicast Protocol supported for multimedia application
- Supports Spanning Tree Protocol/IGMP Snooping
- Port Mirroring allows specified ports or VLAN to be monitored without intervening

Specification

Model	EP-2726DG		
Description	Layer 3 24+2G Gigabit Ethernet Rack-Mount Management Switch		
Standards	IEEE 802.3 10BASE-T / 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T / IEEE 802.3z 1000Base-SX/LX		
Media	10BASE-T:UTP Cat. 3, 4, 5 or up 100BASE-T:UTP Cat.5; 1000BASE-T:UTP Cat.5 or up 1000BASE-X: Multi-mode fiber optic		
No. of 10/100M Port	24 * RJ-45 (Auto MDI/MDIX) ports		
Slide-in Slot	1 Slot for 2 Port Gigabit Copper or Fiber port module		
VLAN	Port-based or IEEE802.1Q VLAN (up to 256 VLANs)		
Trunk	4 groups (Max.) (2, 4, 8 port/group)		
SNMP	Yes		
QoS	2-level		
RMON	4 groups (1, 2, 3, 9), MIB I/II, Bridging MIB, Ether-Like MIB, RMON MIB		
Spanning Tree Protocol	IEEE 802.1s Multiple Spanning Tree protocol		
MAC Address Table	32K		
RAM Buffer	4Mbyte		
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	442 x 255 x 44 mm		
Conformance	FCC class A, CE		

Ordering Information

Model	Description
EP-2726DG	Layer 3 24+2G Gigabit Ethernet Rack-Mount Management Switch
EP-102G-TX	2 Port 1000BASE-T Gigabit Copper Module for EP-2726DG
EP-102G-SC	2 Port 1000-BASE-SX Gigabit SC Type Module for EP-2726DG

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