

SG250-50HP Datasheet

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Overview

Product code	SG250-50HP
Device type	Switch, 1 G, 50 ports
Enclosure type	Rack-mountable, 1 RU
Ports	48 x 10/100/1000, 2 x Gigabit SFP/RJ-45
Power over Ethernet (PoE)	PoE+ (48 ports, 192W)
Performance	100-Gbps switching capacity, 74.41-Mpps forwarding performance (64-byte packet size)
MAC address table size	8k entries
Capacity	256 active VLANs
Jumbo frame	Yes
Remote management protocol	SNMP, RMON, HTTP, HTTPS, TFTP, Telnet, SSH
Features	Layer 2 switching, Layer 3 switching, DHCP support, BOOTP support, VLAN support, IGMP snooping, Syslog support, port mirroring, DiffServ support, Weighted Round Robin (WRR) queuing, Broadcast Storm Control, IPv6 support, Multicast Storm Control, Unicast Storm Control, SNTP support, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP), Multiple Spanning Tree (MSTP), Trivial File Transfer Protocol (TFTP) support, access control list (ACL) support, quality of service (QoS), jumbo frames support, MLD snooping, SNMP, RMON, SNTP, Cisco Discovery Protocol, Auto SmartPorts
Compliant standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.3af PoE, IEEE 802.3at PoE, IEEE 802.3az
RAM	512 MB
Flash memory	256 MB flash
Status indicators	System, link/speed per port
Interfaces	48 x 10BASE-T/100BASE-TX/1000BASE-T, RJ-45 (PoE+), 2 x Gigabit SFP/RJ-45
Power device	Power supply, internal
Voltage required	AC 120/230V (50/60 Hz)
Width	17.3 in (440 mm)
Depth	13.78 in (350 mm)
Height	1.45 in (44 mm)
Weight	10.58 lb (4.8 kg)
Mounting kit	Included
MTBF	62,607 hours
Compliant standards	UL 60950, FCC Part 15 A, CSA 22.2
Service and support	Limited lifetime warranty

Service and support details	Limited warranty: lifetime; technical support (Web): 1 year; technical support (phone consulting): 1 year
Minimum operating temperature	32°F (0°C)
Maximum operating temperature	122°F (50°C)
Humidity range operating	10-90% (noncondensing)
Minimum storage temperature	-4°F (-20°C)
Maximum storage temperature	158°F (70°C)
Humidity range storage	10-90% (noncondensing)

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