

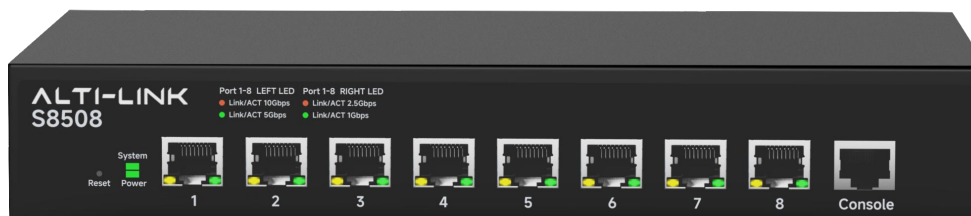
S7508H

8-port Multi-Giga Managed Switch

Overview

The S8508 is a Web Managed switch with 8x multi-Gigabit ports. 8 ethernet ports provide either 100M, 1G, 2.5G, 5G and 10G connectivity. Each port automatically detects which speed is needed.

S8508 Smart Switches offer powerful L2+/Lite L3 features and enhanced performance and usability. They are purposely designed for modern applications and support BYOD which requires companies to have more bandwidth to ensure smooth network connectivity with no congestion.



Specification

Hardware	
Copper port	8* 1000/2.5G/5G/10G Base-T RJ45
Management Port	Support console
Power interface	AC interface
LED Indicators	PWR, SYS,Link/ACT LED
Cable type&Transmission distance	
Twisted-pair	0-100m （CAT5e,CAT6）
Network Topology	
Ring topology	support
Star topology	support
Bus topology	support
Tree Topology	support
Hybrid topology	support
Electrical Specifications	
input voltage	AC 100-240V 50/60Hz
Total Power consumption	≤60W
Layer 2 Switching	
Switching capacity	160G
Packet forwarding rate	119.04Mpps
MAC address table	16K
Buffer	12M bit
Forwarding delay	<10us
MDX/MIDX	support
VLAN	4000
GVRP	support
Protocol VLAN	support

Voice VLAN	support
Surveillance VLAN	support
MAC VLAN	support
Ethernet channel(802.3ad)	support
LACP	support
Interface Speed	support
Duplex Mode	support
Flow Control	support
Jumbo frame	support
DHCP Server	support
DHCP Client	support
DNS Client	support
SNTP Client	support
Port Statistics	support
Protected Ports	support
EEE	support
Ethernet Ring Protection Switching	support
LLDP	support
LLDP 802.1 TLV	support
MSTP / RSTP / STP	support
STP BPDU Filter	support
STP BPDU guard	support
STP Port Fast	support
IGMP Snooping	support
MLD Snooping	support
MVR	support
DHCP interface prioritizes IP binding	support

Device scanning	support
Layer 3 Routing	
IPv4 management address	support
IPv4 dynamic routing	support
IPv4 dynamic routing	OSPF、RIP
Static Routes IPv6	support
VRRP	Virtual Routing Redundancy Protocol
ARP	support
Loopback Interface	support
Reliability	
ACL	Support MAC standard/extended ACL
	Support IPv4 standard/extended ACL
	Support IPv6 standard/extended ACL
QOS	Support QoS re tagging
	Support port trust
	Support port speed limit
	Support export queue speed limit
	Support SP and WRR scheduling algorithms
	Support COS mapping, DSCP mapping, IP priority mapping
Management	
UserManagement	support
SystemLog	support
UpgradeFirmware	support
ConfigurationFileDownload/Upload	support
SNMP	supportSNMP V1/V2/V3
Web management	support
Console	support

CLI	support
Telnet/SSH	support
RMON	support
Security	
Manage channel configuration	support
AAA certification	support
802.1X authentication	support
MAC Based Authentication	support
WEB Based Authentication	support
DoS attack prevention	support
Dynamic ARP Check	support
DHCP Snooping	support
IP Source Guard	support
Port Security	support
Protected Ports	support
storm control	support
Equipment diagnosis	
Console log	support
RAM log	support
Flash logs	support
Port Mirror	support1:1&M:1
Ping	support
Trace route	support
Electrical interface testing	Support
UDLD protocol	support
Environment	
Temperature	Working temperature: -10 ° C to 55 ° C

	Storage temperature: -40 ° C to 75 ° C
Relative humidity	Working humidity: 10% to 90% RH Storage humidity: 5% to 90% RH
Thermal methods	Fan cooling
MTBF	100,000 H
Mechanical Dimensions	
Product size	270*181*44mm
Installation Method	Desktop installation
Weight	1.32KG
EMC	
Surge protection of Power	Common mode 4KV, differential mode 2KV
Surge protection of Ethernet port	Common mode 6KV, differential mode 2KV
ESD	Exposure to 8K, air at 15K
Free fall	0.5m
Accessories	
Accessories	Equipment, AC power cord, electrostatic bag, certificate of conformity, instruction manual

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