

Atrie S1908M Manageable Switch

Feature List

Atrie Communication Technology Co., Ltd

Atrie S1900M Series SNMP Managed Switch

Atrie S1908M Series is a SNMP manageable switch; it provides 8 ports 100M, 1 1000M SFP combo ports (only for S1908MG), supports SNMP and Web management, also RMON and IGMP, Port VLAN and Tag VLAN, and MAC Address Binding. Featuring high-performance, easy to use and competitive price, the series is an ideal solution for workgroup and smart district. Switch should be interpretable with CISCO.



ATRIE S1908M SNMP Model



ATRIE S1908MG SNMP Model

Features

Interface

- Fully compliant with IEEE802.3 standard.
- 810/100BaseT/TX RJ-45 ports with auto-MDI/MDIX.
- 1 * 1000M SFP combo port(only for S1908MG Model)

Performance

- 1.6Gbps switch fabric, dedicated ASIC for switching
- 2.7Mpps wire-speed forwarding rate for 220-byte packets.

Security and reliability

- Local security policy restricts illegal access
- IEEE 802.1x port-based user authentication
- Port trunking adds to bandwidth and redundancy

Easy maintenance

- Automatic recognition for straight-through or cross-over cables
- Stackable through cluster technology. Central management with unified IP address saves IP addresses
- Management via SNMP and Web.
- Management via CLI(only for S1908MG Model)

Traffic and broadcast control

- Auto-detection and restraining of broadcast storm, IGMP snooping, effectively restrict broadcast flooding
- Full- and half- duplex traffic control
- Advanced buffer management, 802.1p support. 4 dispatching queues per port, mapping the 8 priority queues in 802.1p
- IP multicast and QoS support

Specifications

SWITCH FABRIC	1.6 GBPS
Switching Mode	Store-and-forward
MAC Address Table Size	8K
Queuing Buffer	8MB
Dimensions (L × W × H)	340 mm × 200 mm × 44 mm
Power Supply	AC 110 ~ 240 V, 47 ~ 63 Hz, 1A/230V
LED Indicators	Power, system, link, activity, 10/100M
Temperature	Operating: 0 ~ 50°C, non-operating: -40 ~ 70°C
Humidity	0 ~ 90% (no condensing)
Functions	
Spanning Tree	IEEE 802.1D STP, link path backup, IEEE 802.1w RSTP
VLAN	Port-based VLAN, 802.1Q tag VLAN
Traffic Control	Back pressure at half-duplex, 802.3X at full-duplex, port rate limiting: 1M step size.
Broadcast Control	Stop sending at threshold to restrict broadcast storms
Multicast Control	IGMP snooping
Port Trunking	Up to 8 groups with up to 4 ports per group, dynamic LACP aggregation
Security	IEEE 802.1x port-based user authentication, RADIUS
QoS	4 dispatching queues per port, mapping the 8 priority queues in 802.1p
Network Management	SNMPv1 and SNMPv2c. SNMP MIB-II, Ethernet-like MIB, and Bridge MIB. RMON statistics, history, and alarm and event group. SNMP, Web and Telnet/Console management
Software Upgrade	Software backup and restore by TFTP and WEB
Configuration Upload/download	Configuration backup and restore by TFTP and WEB

Order Information

Model	Description
Atrie S1908M	8 100M Ethernet ports SNMP Manageable switch
Atrie S1908MG	8 100M Ethernet ports + 1*1000M SFP SNMP Manageable switch



Head Quarters: 10th Floor,14,Lane 609,Sec5 Chung Hsin Rd,San Chung City TaipeiHsien,Taiwan
Corporate office: Atrie House ,292/A,34th Cross,9th main ,4th Block ,Jayanagar -560 011 India
 Tel :- +91-80-41101891/2/3, Fax :- +91-80-22449899 Email: contacts@atrieindia.com