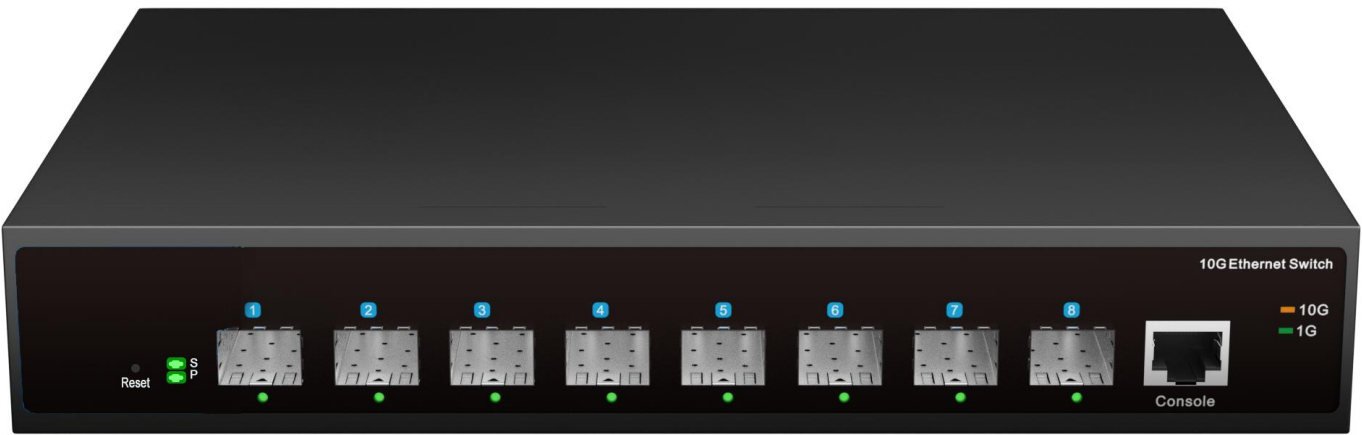


S7508

8-ports 10G Base-X Layer 3 Management Switch



General Description

- Support 8*1000M/10G Base - X
- Support 1*RJ45 Management Console Port

Specification

| Interface | |
|----------------------------------|------------------------|
| Fixed port | 8*1000/10000 Base - X |
| Management Port | 1*Console |
| Power interface | 1*AC Interface |
| LED Indicators | PWR, SYS, Link/ACT LED |
| Cable type&Transmission distance | |
| Monomode optical fiber | 20/40/60/80/100KM |

| | |
|---------------------------------------|---------------------|
| Multimode optical fibre | 550M |
| Network Topology | |
| Ring topology | Supported |
| Star topology | Supported |
| Bus topology | Supported |
| Tree Topology | Supported |
| Hybrid topology | Supported |
| Electrical Specifications | |
| input voltage | AC 100-240V 50/60Hz |
| Total Power consumption | ≤35W |
| Layer 2 Switching | |
| Switching capacity | 160G |
| Packet forwarding rate | 119.04Mpps |
| MAC address table | 16K |
| Buffer | 12M bit |
| Forwarding delay | <10us |
| MDX/MIDX | Supported |
| VLAN | 4000 |
| GVRP | Supported |
| Protocol VLAN | Supported |
| Voice VLAN | Supported |
| Surveillance VLAN | Supported |
| MAC VLAN | Supported |
| Ethernet channel/ 802.3ad) | Supported |
| LACP | Supported |
| Interface Speed | Supported |
| Duplex Mode | Supported |
| Flow Control | Supported |
| Jumbo frame | Supported |

| | |
|---|------------------------------------|
| DHCP Server | Supported |
| DHCP Client | Supported |
| DNS Client | Supported |
| SNTP Client | Supported |
| Port Statistics | Supported |
| Protected Ports | Supported |
| EEE | Supported |
| Ethernet Ring Protection Switching | Supported |
| LLDP | Supported |
| LLDP 802.1 TLV | Supported |
| MSTP / RSTP / STP | Supported |
| STP BPDU Filter | Supported |
| STP BPDU guard | Supported |
| (STP Port Fast | Supported |
| IGMP Snooping | Supported |
| MLD Snooping | Supported |
| MVR | Supported |
| DHCP IP Priority | Supported |
| Device Scan | Supported |
| Layer 3 Route | |
| IPV4Management Address | Supported |
| IPV6Management Address | Supported |
| IPV4Dynamic Routing | OSPF、RIP |
| Static Routes IPv6 | Supported |
| VRRP | Supported |
| ARP | Supported |
| Loopback Interface | Supported |
| Convergence | |
| ACL | Support MAC standard/extended ACL |
| | Support IPv4 standard/extended ACL |
| | Support IPv6 standard/extended ACL |

| | |
|---|--|
| QOS | Support QOS re-marking |
| | Support port trust |
| | Support port speed limit |
| | Support egress queue speed limit |
| | Support SP, WRR scheduling algorithm |
| | Support COS mapping, DSCP mapping, IP priority mapping |
| Management | |
| UserManagement | Supported |
| SystemLog | Supported |
| ConfigurationFileDownload/Upload | Supported |
| SNMP | SNMP V1/V2/V3 |
| WEB Managed | Supported |
| Console | Supported |
| CLI | Supported |
| Telnet/SSH | Supported |
| RMON | Supported |
| Security | |
| Managing channel configuration | Supported |
| AAA Certificated | Supported |
| 802.1X Certificated | Supported |
| MAC-Based Certificated | Supported |
| WEB-Based Certificated | Supported |
| DoS | Supported |
| Dynamic ARP Inspection | Supported |
| DHCP Snooping | Supported |
| IP Source Guard | Supported |
| Port Security | Supported |
| Protected Ports | Supported |
| Storm control | Supported |
| Equipment diagnosis | |
| Console Log | Supported |
| RAM Log | Supported |

| | |
|--|--|
| Flash Log | Supported |
| Port Mirroring | Support 1:1 or M:1 |
| Ping | Supported |
| UDLD Protocol | Supported |
| Traceroute | Supported |
| Environment | |
| Temperature | Operating temperature: -10°C to 55°C Storage temperature: -40°C to 75°C |
| Relative humidity | Operating humidity: 10% to 90% RH Storage humidity: 5% to 90% RH |
| Thermal methods | FAN |
| MTBF | 100, 000 Hours |
| Mechanical Dimensions | |
| Size | 270*181*44mm |
| Installation Method | Desktop |
| Weight | 1.25KG |
| EMC&INGRESS PROTECTION | |
| Surge protection of Power | Common mode 6KV, differential mode 2KV |
| Surge protection of Ethernet port | Common mode 4KV, differential mode 2KV |
| ESD | Contact 8K, Air 15K |
| Free fall | 0.5M |
| | |

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