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Overview

LS-S2309TP-SI-AC is one of the Huawei S2300 Series Switches. The Quidway S2300 series switches are new generation Ethernet intelligent access switches developed by Huawei. The S2300 is mainly deployed on the IP MAN and intranets, meeting the requirements of carrying various Ethernet services and accessing the Ethernet. Based on the new generation high-performance hardware and Huawei Versatile Routing Platform (VRP) software, the S2300 supports rich and flexible service features and thus improves operability, manageability, and service expansibility. The S2300 series are classified into SI and EI models. Huawei S2300 Series Switch S2309TP-SI Mainframe 8 10/100 FastEthernet ports and 1 Combo GE Rj-45 or SFP) uplink and AC 110/220V, basic layer 2 feature.

Quick Specification

Table 1 shows the quick specification.

| | |
|------------------------------------|--|
| Model | LS-S2309TP-SI-AC |
| Part Number | 02351374 |
| Fixed Ports | 8-Port 10/100BASE-T(RJ45); 1-Combo-port (10/100/1000BASE-T (RJ45) / 100/1000BASE-X (SFP)); 1-Port Console (RJ45) |
| Forwarding performance | 2.7 Mpps |
| Port switching capacity | 3.6 Gbit/s |
| Backplane switching capacity | 32 Gbit/s |
| Power supplies | supports AC power supplies |
| Input voltage | 220 V |
| Power consumption | 12.8 W |
| Dimensions: width x depth x height | 250 mm x 180 mm x 43.6 mm |
| Weight | 1.4 kg (3.09 lbs) |

Figure 1 shows the appearance of LS-S2309TP-SI-AC.



Product Details

Figure 2 shows the front panel of LS-S2309TP-SI-AC.



Figure 3 shows the back panel of LS-S2309TP-SI-AC.



The Modules

Table 2 shows the recommended elements for the LS-S2309TP-SI-AC.

| Model | Description |
|--------------------------------------|---|
| FE-SFP Optical Transceiver | |
| SFP-FE-SX-MM1310 | Optical Transceiver, SFP, 100M/155M, Multi-mode Module (1310nm, 2km, LC) |
| eSFP-FE-LX-SM1310 | Optical Transceiver, eSFP, 100M/155M, Single-mode Module (1310nm, 15km, LC) |
| S-SFP-FE-LH40-SM1310 | Optical Transceiver, eSFP, FE, Single-mode Module (1310nm, 40km, LC) |
| GE-SFP Optical Transceiver | |
| eSFP-GE-SX-MM850 | Optical Transceiver, eSFP, GE, Multi-mode Module (850nm, 0.55km, LC) |
| SFP-GE-LX-SM1310 | Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 10km, LC) |
| S-SFP-GE-LH40-SM1310 | Optical Transceiver, eSFP, GE, Single-mode Module (1310nm, 40km, LC) |
| S-SFP-GE-LH40-SM1550 | Optical Transceiver, eSFP, GE, Single-mode Module (1550nm, 40km, LC) |
| GE Copper Transceiver | |
| SFP-1000BaseT | Electrical Transceiver, SFP, GE, Electrical Interface Module (100m, RJ45) |

Compare to Similar Items

Table 3 shows the comparison of LS-S2309TP-SI-AC and LS-S2309TP-EI-AC.

| Model | LS-S2309TP-SI-AC | LS-S2309TP-EI-AC |
|----------------|--|--|
| IPv6 features | Supports IPv6 host functions. Supports static route configuration | Supports IPv6 host functions. Supports static route configuration. Supports IPv6 ACL. Supports MLD v1/v2 snooping |
| VLAN features | Supports IEEE 802.1Q (VLAN) and 4096 VLANs Supports port-based VLAN | Supports IEEE 802.1Q (VLAN) and 4096 VLANs. Supports port-based VLAN. Supports MAC-based VLAN. Supports basic QinQ. Supports 1:1 VLAN switching. Supports N:1 VLAN switching. |
| Port mirroring | Supports 1:1 or N:1 port mirroring Supports Remote Switched Port Analyzer (RSPAN) and traffic-based Supports packet forwarding on an observing port. | Supports 1:1 or N:1 port mirroring Supports packet forwarding on an observing port. |
| Power supply | All model AC based | With some model support DC |

Get more information

Do you have any question about the LS-S2309TP-SI-AC (02351374)?

Contact us now via info@hi-network.com.

Specification

| LS-S2309TP-SI-AC Specification | |
|--------------------------------|---|
| Port | eight 10/100Base-TX ports and one gigabit Combo port (10/100/1000Base-T or 100/1000Base-X) |
| Forwarding performance | 2.7 Mpps |
| Port switching capacity | 3.6 Gbit/s |
| Backplane switching capacity | 32 Gbit/s |
| MAC address table | Supports 8 K MAC address entries. Supports manual addition and deletion of a MAC address table. Supports configuration of MAC address aging time. Supports disabling of MAC address learning based on port or aggregation group. Supports limit on the number of MAC addresses to be learned on a port. Supports blackhole MAC addresses. |
| VLAN features | Supports IEEE 802.1Q (VLAN) and 4096 VLANs. Supports port-based VLAN. |

| | |
|------------------------------------|---|
| QoS | <p>Supports port rate limit and traffic rate limit.</p> <p>Supports four queues with different priorities on each port.</p> <p>Supports mapping of packets to different queues based on 802.1p.</p> <p>Supports multiple algorithms including SP, WRR, and SP+WRR.</p> |
| IPv6 features | <p>Supports IPv6 host functions.</p> <p>Supports static route configuration.</p> |
| Multicast | <p>Supports IGMP v1/v2/v3 snooping.</p> <p>Supports multicast load sharing among bundled ports.</p> <p>Supports port-based multicast rate limit and traffic statistics</p> |
| Port mirroring | <p>Supports 1:1 or N:1 port mirroring.</p> <p>Supports packet forwarding on an observing port.</p> |
| Security | <p>Supports port isolation.</p> <p>Supports suppression of multicast, broadcast, and unknown single-cast packets. Supports CPU protection.</p> |
| Surge protection | <p>Each port has a surge protection capability of 7 kV. Each port has a surge protection capability of 15 kV after an extra surge protection device is added.</p> |
| Management | <p>Supports iStack.</p> <p>Supports automatic configuration.</p> <p>Supports CLI configuration.</p> <p>Supports remote configuration and maintenance by using Telnet.</p> <p>Supports SNMP v1/v2/v3. Supports RMON.</p> <p>Supports HGMP v2. Supports SSH v2.</p> <p>Supports Web management.</p> <p>Supports GVRP.</p> |
| Operating environment | <p>Operating temperature: 0°C to 50°C (long term); -5°C to 55°C (short term); relative humidity: 10% to 90% (non-condensing)</p> |
| Power supply | <p>AC: Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V, 50/60 Hz</p> |
| Dimensions: width x depth x height | <p>250 mm x 180 mm x 43.6 mm</p> |
| Weight | <p>< 1.4 kg</p> |
| Power consumption | <p>< 12.8 W</p> |

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Datasheet



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