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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	<ul style="list-style-type: none"> Supports IPv6 host functions. Supports static route configuration 	<ul style="list-style-type: none"> Supports IPv6 host functions. Supports static route configuration. Supports IPv6 ACL. Supports MLD v1/v2 snooping
VLAN features	<ul style="list-style-type: none"> Supports IEEE 802.1Q (VLAN) and 4096 VLANs Supports port-based VLAN 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Supports 1:1 or N:1 port mirroring Supports Remote Switched Port Analyzer (RSPAN) and traffic-based Supports packet forwarding on an observing port. 	<ul style="list-style-type: none"> 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

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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	<ul style="list-style-type: none"> 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



Contact HI-NETWORK.COM For Global Fast Shipping

HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com

Skype: echo.hinetwork

WhatsApp Business: +8618057156223