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## Overview

LS-S2318TP-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 S2318TP-SI Mainframe 16 10/100 FastEthernet ports and 2 Combo GE 10/100/1000 Rj-45 +100/1000 SFP) ports, AC 110/220V, basic layer 2 feature.

## Quick Specification

Table 1 shows the quick specification.

Model	LS-S2318TP-SI-AC
Part Number	02351373
Fixed Ports	sixteen 10/100Base-TX ports and two gigabit Combo ports (10/100/1000Base-T or 100/1000Base-X)
Forwarding performance	5.4 Mpps
Port switching capacity	7.2 Gbit/s
Backplane switching capacity	32 Gbit/s
Power supplies	AC: Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V, 50/60 Hz
POE	Non-POE Switch
Software	Standard Version
Power consumption	14.5 W
Dimensions: width x depth x height	442 mm x 220 mm x 43.6 mm
Weight	2.4 kg

Figure 1 shows the appearance of LS-S2318TP-SI-AC.



## Product Details

Figure 2 shows the front panel of LS-S2318TP-SI-AC.



## The Modules

Table 2 shows the recommended elements for the LS-S2318TP-SI-AC.

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

## Compare to Similar Items

Table 3 shows the comparison of LS-S2318TP-SI-AC and LS-S2309TP-PWR-EI.

Model	LS-S2318TP-SI-AC	<a href="#">LS-S2309TP-PWR-EI</a>
Fixed Ports	sixteen 10/100Base-TX ports and two gigabit Combo ports (10/100/1000Base-T or 100/1000Base-X)	eight 10/100Base-TX ports and one gigabit Combo port (10/100/1000Base-T or 100/1000Base-X)
Forwarding performance	5.4 Mpps	2.7 Mpps
Port switching capacity	7.2 Gbit/s	3.6 Gbit/s
Backplane switching capacity	32 Gbit/s	32 Gbit/s
Power supplies	AC:	supports two pluggable AC power supplies and PoE

	Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V, 50/60 Hz	supplies
Power consumption	14.5 W	154 W
Available PoE Power	No	PoE power = 124 W
Dimensions: width x depth x height	442 mm x 220 mm x 43.6 mm	320 mm x 220 mm x 43.6 mm
Weight	2.4 kg	2.5 kg

### Get more information

Do you have any question about the LS-S2318TP-SI-AC (02351373)?

Contact us now via [info@hi-network.com](mailto:info@hi-network.com).

### Specification

LS-S2318TP-SI-AC Specifications	
Port	sixteen 10/100Base-TX ports and two gigabit Combo ports (10/100/1000Base-T or 100/1000Base-X).
Forwarding performance	5.4 Mpps
Port switching capacity	7.2 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	Supports port rate limit and traffic rate limit. Supports four queues with different priorities on each port. Supports mapping of packets to different queues based on 802.1p. Supports multiple algorithms including SP, WRR, and SP+WRR.
IPv6 features	Supports IPv6 host functions. Supports static route configuration.
Multicast	Supports IGMP v1/v2/v3 snooping. Supports multicast load sharing among bundled ports. Supports port-based multicast rate limit and traffic statistics
Port mirroring	Supports 1:1 or N:1 port mirroring. Supports packet forwarding on an observing port.
Security	Supports port isolation. Supports suppression of multicast, broadcast, and unknown single-cast packets. Supports CPU protection.
Surge protection	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.



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	Operating temperature: 0°C to 50°C (long term); -5°C to 55°C (short term); relative humidity: 10% to 90% (non-condensing)
Power supply	AC: Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V, 50/60 Hz
Dimensions: width x depth x height	442 mm x 220 mm x 43.6 mm
Weight	< 2.4 kg
Power consumption	< 14.5 W

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