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## Overview

LS-S3328TP-EI-24S-AC is one of the Huawei S3300 Series Switches. S3300 switches (S3300 for short) are next-generation Layer-3 100-megabit Ethernet switches developed by Huawei to carry various services on Ethernets, which provide powerful Ethernet functions for carriers and enterprise customers. Utilizing next-generation high-performance hardware and Huawei Versatile Routing Platform (VRP) software, the S3300 supports enhanced selective QinQ, line-speed cross-VLAN multicast duplication, and Ethernet OAM. Huawei S3300 Series Switch S3328TP-EI-24S Mainframe 24 100BASE-X ports and 2 Combo GE 10/100/1000 Rj-45 +100/1000 SFP) ports and 2 SFP ports, AC 110/220V, 12.8Gbps switching capacity, 9.6 Mpps Forwarding performance, 64Gbps stacking bandwidth, Enhanced layer 3 Feature.

## Quick Specification

Table 1 shows the quick specification.

Model	LS-S3328TP-EI-24S-AC
Part Number	02351417
Fixed Ports	twenty-four 100Base-FX ports, two 1000Base-X SFP ports, and two gigabit Combo ports (10/100/1000Base-T or 100/1000Base-X)
Forwarding performance	9.6 Mpps
Port switching capacity	12.8 Gbit/s
Backplane switching capacity	64 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
Power consumption	< 20 W
Dimensions: width x depth x height	442 mm x 220 mm x 43.6 mm
Weight	< 2.6 kg

Figure 1 shows the appearance of LS-S3328TP-EI-24S-AC.



## Product Details

### The Modules

Table 2 shows the recommended elements for the LS-S3328TP-EI-24S-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-S3328TP-EI-24S-AC, LS-S3328TP-SI-AC and LS-S3352P-EI-48S-AC.

Model	LS-S3328TP-EI-24S-AC	<a href="#">LS-S3328TP-SI-AC</a>	<a href="#">LS-S3352P-EI-48S-AC</a>
Fixed Ports	twenty-four 100Base-FX ports, two 1000Base-X SFP ports, and two gigabit Combo ports (10/100/1000Base-T or 100/1000Base-X)	twenty-four 10/100Base-T ports, two 1000Base-X SFP ports, and two gigabit Combo ports (10/100/1000Base-T or 100/1000Base-X)	forty-eight 100Base-FX SFP ports, two 100/1000Base-X SFP ports, and two 1000Base-X SFP ports
Forwarding performance	9.6 Mpps	9.6 Mpps	13.2 Mpps
Port switching capacity	12.8 Gbit/s	12.8 Gbit/s	17.6 Gbit/s
Backplane switching capacity	64 Gbit/s	64 Gbit/s	64 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	AC: Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V, 50/60 Hz	AC: Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V, 50/60 Hz

Power consumption	< 20 W	< 55 W	< 92 W
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## Get more information

Do you have any question about the LS-S3328TP-EI-24S-AC (02351417)?

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

## Specification

LS-S3328TP-EI-24S-AC Specification	
Model	LS-S3328TP-EI-24S-AC
Part Number	02351417
Description	S3328TP-EI-24S Mainframe (24 100BASE-X ports and 2 Combo GE (10/100/1000 BASE-T+100/1000 BASE-X) ports and 2 SFP GE (1000 BASE-X) ports (SFP Req.) and AC 110/220V)
Fixed port	24*100Base-FX ports, 2*1000Base-X and 2*10/100/1000Base-T or 100/1000Base-X ports
Processor	Dominant frequency: 300 MHz
Switching capacity	12.8 Gbit/s
Forwarding performance	9.6 Mpps
DDR memory	128 MB
Flash Memory	16 MB
Backplane switching capacity	64 Gbit/s
MAC address table	<ul style="list-style-type: none"> <li>Supports 16K MAC address entries.</li> <li>Supports automatic learning and aging of MAC address</li> <li>Supports static, dynamic, and blackhole MAC address entries.</li> <li>Supports packet filtering based on source MAC addresses.</li> </ul>
VLAN features	<ul style="list-style-type: none"> <li>Supports up to 4096 VLANs.</li> <li>Supports guest VLANs, voice VLANs, and super VLANs.</li> <li>Supports VLAN assignment based on MAC addresses, protocols, and IP subnets.</li> <li>Supports basic QinQ and selective QinQ.</li> <li>Supports 1:1 VLAN switching.</li> <li>Supports N:1 VLAN switching.</li> </ul>
QoS/ACL	<ul style="list-style-type: none"> <li>Supports rate limit on packets sent and received by a port</li> <li>Supports packet redirection</li> <li>Supports port-based traffic policing and two-rate three-color CAR.</li> <li>Supports multiple queue scheduling algorithms including WRR, DRR, SP, WRR+SP, and DRR+SP.</li> <li>Supports re-marking of the 802.1p priority and DSCP priority.</li> <li>Supports packet filtering based on Layer 2 to Layer 4 information, filtering out invalid frames based on the source MAC address, destination MAC address, source IP address, destination IP address, port number, protocol, and VLAN ID.</li> <li>Supports queue-based rate limit and traffic shaping on ports.</li> </ul>



	<p>Supports eight queues on each port.</p>
IPv6 features	<p>Supports PMTU.</p> <p>Supports Neighbor Discovery (ND).</p> <p>Supports IPv6 Ping, IPv6 Tracert, and IPv6 Telnet.</p> <p>Supports manually configured tunnels.</p> <p>Supports 6-to-4 tunnels.</p> <p>Supports ISATAP tunnels.</p> <p>Supports ACLs based on the source IPv6 address, destination IPv6 address, Layer-4 port, or protocol type.</p> <p>Supports MLD v1/v2 snooping.</p>
Multicast	<p>Supports 1024 multicast groups.</p> <p>Supports IGMP v1/v2/v3 snooping and fast leave.</p> <p>Supports multicast VLAN and cross-VLAN multicastreproduction.</p> <p>Supports multicast load sharing among bundled ports.</p> <p>Supports controllable multicast.</p> <p>Supports port-based multicast traffic statistics</p> <p>Supports IGMP v1/v2/v3, PIM-SM, and PIM-DM.</p>
Security	<p>Supports hierarchical user management and password protection.</p> <p>Supports DoS attack defense, ARP attack defense, and ICMP attack defense.</p> <p>Supports binding of the IP address, MAC address, port number, and VLAN ID.</p> <p>Supports port isolation, port security, and sticky MAC.</p> <p>Supports blackhole MAC addresses.</p> <p>Supports limit on the number of MAC addresses to be learned.</p> <p>Supports IEEE 802.1X authentication and the limit on the maximum number of users on a port.</p> <p>Supports multiple authentication methods including AAA, RADIUS, HWTACACS+, and NAC.</p> <p>Supports SSH v2.</p> <p>Supports CPU protection.</p> <p>Supports blacklisting and whitelisting.</p>
Surge protection	<p>Each port has a surge protection capability of 6 KV. Each port has a surge protection capability of 15 KV after an extra surge protection device is added.</p>
Management and maintenance	<p>Supports iStack (except the S33HI).</p> <p>Supports MAC Forced Forwarding (MFF).</p> <p>Supports auto-config and HGMP.</p> <p>Supports remote configuration and maintenance by using Telnet.</p> <p>Supports Virtual Cable Test (VCT).</p> <p>Supports Ethernet OAM (IEEE 802.3ah and 802.1ag).</p> <p>Supports Dying gasp power-off alarm (the S3328TP-EI-MC and the S3326C-HI only).</p> <p>Supports local port mirroring, Remote Switched Port Analyzer (RSPAN), and packet forwarding on an observing port.</p> <p>Supports SNMP v1/v2/v3 and RMON.</p> <p>Supports MUX VLAN and GVRP.</p> <p>Supports the Network Management System (NMS) and Web management.</p> <p>Supports SSH v2.</p> <p>Supports HTTPS (the S3300HI only).</p> <p>Supports 802.3az EEE (the S3300HI only).</p> <p>Supports system logs and multi-level alarms.</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	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 220mm x 43.6 mm
Weight	< 2.6 kg
Power consumption	< 55 W

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