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## Overview

Huawei S5700-SI series are gigabit Layer 3 Ethernet switches. The S5700-24TP-SI-AC supports 20 10/100/1000BASE-T ports and 4 combo ports (10/100/1000BASE-T (PoE+) + 100/1000BASE-X).

### Quick Specification

**Table 1 shows the quick specification.**

| | |
|---|---|
| Model | S5700-24TP-SI-AC |
| Part Number | 02352360 |
| Description | 24 Ethernet 10/100/1000 ports, 4 of which are dual-purpose 10/100/1000 or SFP, AC 110/220V, 1 extension slot |
| Ports | 24 Ethernet 10/100/1,000 ports, 4 of which are dual-purpose 10/100/1,000 or SFP ports |
| Forwarding Performance | 36 Mpps |
| Switching Capacity | 256 Gbit/s |
| Stack | Supported by stack card |
| Stack Ports | Two stack ports available on each stack card |
| Power | AC 110/220V |
| Heat Dissipation | Built-in fans for intelligent air cooling |
| Memory (RAM) | 256 MB |
| Flash | 32 MB |
| Dimensions (W x D x H) | 442.0 mm x 220.0 mm x 43.6 mm |
| Weight | 3.9 Kg |

**Figure 1 shows the appearance of S5700-24TP-SI-AC.**
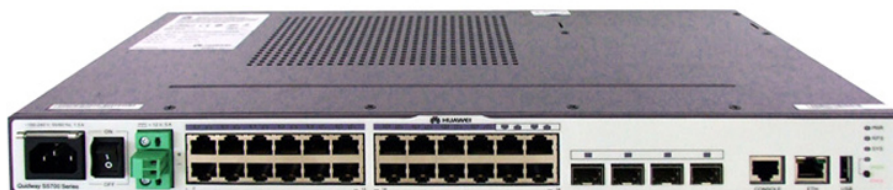
# Product Details

**Figure 2 shows the front panel of S5700-24TP-SI-AC.**
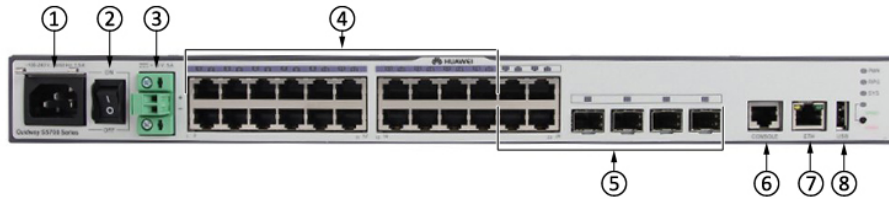


Note:

| (1) | AC socket | (5) | Four combo ports (10/100/1000BASE-T + 100/1000BASE-X) |
|-----|-----------|-----|--------------------------------------------------------|
| (2) | Power switch | (6) | One console port |
| (3) | Backup power socket | (7) | ETH management port |
| (4) | 20 × 10/100/1000BASE-T ports | (8) | USB port |

**Figure 3 shows the back panel of S5700-24TP-SI-AC.**



Note:

| (1) | ESD jack | (2) | Rear card slot |
|-----|----------|-----|-----------------|

## The Transceiver

**Table 2 shows the recommended transceivers.**

| Model | Description |
|-------|-------------|
| SFP-1000BaseT | Electrical Transceiver, SFP, GE, Electrical Interface Module (100m, RJ45) |
| 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) |

## Compare to Similar Items

**Table 3 shows the comparison of Huawei S5700-24TP-SI-AC and S5700-24TP-PWR-SI.**

| Models | S5700-24TP-SI-AC | S5700-24TP-PWR-SI |
|---|---|---|
| Ports | 24 Ethernet 10/100/1,000 ports, 4 of which are dual-purpose 10/100/1,000 or SFP ports | 20 × PoE+ 10/100/1000BASE-T ports Four combo ports (10/100/1000BASE-T (PoE+) + 100/1000BASE-X) |
| PoE Supported | Not Supported | Yes |
| Software Version | Standard | Standard |

## Get more information

Do you have any question about the S5700-24TP-SI-AC (02352360)?

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

# Specification

| S5700-24TP-SI-AC Specification ||
|---|---|
| Manufacturer | Huawei |
| Manufacturer Part Number | S5700-24TP-SI-AC |
| Form Factor | Fixed, Stackable |
| Switch Port | 20 GE ports, 4 GE Combo ports |
| Power Over Ethernet (PoE) | Non-POE |
| Extended slot | Provides an extended slot for a stack card |
| Max Stack bandwidth | 48Gbps |
| DRAM Memory | 256 MB |
| Flash Memory | 32 MB |
| **Performance** ||
| Forwarding performance | 36 Mpps |
| MAC address table | IEEE 802.1d compliance |
| | 16 K MAC address entries |
| | MAC address learning and aging |

| | |
|---|---|
| | Static, dynamic, and blackhole MAC address entries |
| | Packet filtering based on source MAC addresses |
| VLAN | 4 K VLANs |
| Reliability | RRPP ring topology and RRPP multi-instance |
| | Smart Link tree topology and Smart Link multi-instance, providing the millisecond-level protection switchover |
| | SEP |
| | STP, RSTP, and MSTP |
| | BPDU protection, root protection, and loop protection |
| | E-Trunk |
| IP routing | Static routing, ECMP |
| | RIPv1, RIPv2 and RIPng |
| IPv6 features | Neighbor Discovery (ND) |
| | Path MTU (PMTU) |
| | IPv6 ping, IPv6 tracert, and IPv6 Telnet |
| | ACLs based on the source IPv6 address, destination IPv6 address, Layer 4 ports, or protocol type |
| | MLD v1/v2 snooping |
| | 6to4 tunnel, ISATAP tunnel, and manually configured tunnel |
| Multicast | IGMP v1/v2/v3 snooping and IGMP fast leave |
| | Multicast forwarding in a VLAN and multicast replication between VLANs |
| | Multicast load balancing among member ports of a trunk |
| | Controllable multicast |
| | Port-based multicast traffic statistics |
| QoS/ACL | Rate limiting on packets sent and received by an interface |
| | Packet redirection |
| | Port-based traffic policing and two-rate three-color CAR |
| | Eight queues on each port |
| | WRR, DRR, SP, WRR+SP, and DRR+SP queue scheduling algorithms |
| | Re-marking of the 802.1p priority and DSCP priority |
| | Packet filtering at Layers 2 through 4, filtering out invalid frames based on the source MAC address, destination |
| | MAC address, source IP address, destination IP address, port number, protocol type, and VLAN ID |
| | Rate limiting in each queue and traffic shaping on ports |
| Security | User privilege management and password protection |
| | DoS attack defense, ARP attack defense, and ICMP attack defense |
| | Binding of the IP address, MAC address, interface, and VLAN |

| | |
|---|---|
| | Port isolation, port security, and sticky MAC |
| | Blackhole MAC address entries |
| | Limit on the number of learned MAC addresses |
| | 802.1x authentication and limit on the number of users on an interface |
| | AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC |
| | SSH v2.0 |
| | Hypertext Transfer Protocol Secure (HTTPS) |
| | CPU defense |
| | Blacklist and whitelist |
| **Management** | |
| | Stacking |
| | MAC Forced Forwarding (MFF) |
| | Virtual cable test |
| | Port mirroring and RSPAN (remote port mirroring) |
| | Remote configuration and maintenance by using Telnet |
| Management and maintenance | SNMP v1/v2/v3 |
| | RMON |
| | Web NMS |
| | HGMP |
| | System logs and alarms of different levels |
| | GVRP |
| | MUX VLAN |
| **Power Supply Specifications** | |
| Power Device | Power supply - Non-PoE |
| Power Redundancy | No |
| Voltage Required | AC 120/230 V (50/60 Hz) |
| **Dimensions / Weight / Miscellaneous** | |
| Width | 44.2cm |
| Depth | 43.6cm |
| Height | 22.0cm |
| Weight | 5.0kg |
| MTBF | 37years |
| **System Software** | |
| Software Version | Standard Version |
| **Manufacturer Warranty** | |

| Service & Support | 1 year warranty |
|---|---|

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