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Overview

The Huawei S5700-10P-PWR-LI-AC is simplified gigabit switches with super-flexible, easy-to-manage platform to optimize L3 switching capacity and downstream port bandwidth from 100 Mbit/s to 1 Gbit/s. The additional PoE technology can ensure the safety of power supply while ensuring the normal transmission of data signals to minimize costs. Then its various options include lithium-oxide battery backup, CSFP interfaces, and zero-touch remote maintenance, as well as models customized, meeting specialized requirements of users. Ideal for use as an access or aggregation switch in a campus network, it strives to provide energy-saving and cost-effective gigabit to the desktop solution.

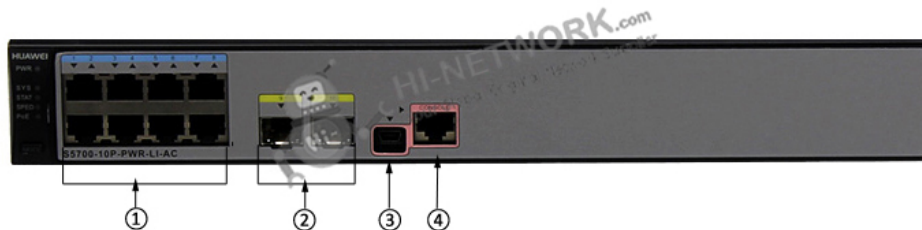## Quick Specification

Table 1 shows the quick specification.

Model	S5700-10P-PWR-LI-AC
Part Number	02354036
Description	8 Ethernet 10/100/1000 ports, 2 Gig SFP, AC 110/220V
Ports	8 GE POE ports, 2 GE SFP ports
Memory (RAM)	256 MB
Flash	200 MB
MAC Address Table Size	16 MAC
Voltage Required	AC 120/230 V (50/60 Hz)
Power Device	AC power supply
Power Consumption Operational	< 60W
Forwarding Performance	15 Mpps
Switching Capacity	256 Gbit/s
Dimensions (W x D x H)	320 mm x 220 mm x 43.6 mm
Package Weight	3.5kg
PoE	PoE+

Figure 1 shows the appearance of S5700-10P-PWR-LI-AC.

Product Details

Figure 2 shows the front panel of S5700-10P-PWR-LI-AC.

Note:

(1)	Eight PoE+ 10/100/1000BASE-T ports	(3)	One mini USB port
(2)	Two 1000BASE-X ports	(4)	One console port

Figure 3 shows the back panel of S5700-10P-PWR-LI-AC.

Note:

(1)	Ground screw	(3)	Jack for AC terminal locking latch
(2)	AC socket		

*The ground screw is used with a ground cable.

*AC socket is used with an AC power cable.

*The AC terminal locking latch is not delivered with the switch.

Optical Transceivers

Table 2 shows the recommended optical modules.

GE-SFP Optical Transceiver	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 S5700-10P-LI-AC and S5700-10P-PWR-LI-AC.

Model	S5700-10P-LI-AC	S5700-10P-PWR-LI-AC
Fixed Ports	8 x 10/100/1,000 Base-T Ethernet ports, 2 x GE SFP ports	8 x 10/100/1,000 Base-T Ethernet ports, 2 x GE SFP ports
Power Supply	AC power supply	AC power supply
PoE	Not supported	Supported
Forwarding Performance	15 Mpps	15 Mpps
Switching Capacity	256 Gbit/s	256 Gbit/s

Get more information

Do you have any question about the S5700-10P-PWR-LI-AC (02354037)?

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

Specification

S5700-10P-PWR-LI-AC Specification	
Manufacturer	Huawei
Manufacturer Part Number	S5700-10P-PWR-LI-AC
Form Factor	Fixed, Stackable
Switch Port	8 GE POE ports, 2 GE SFP ports

S5700-10P-PWR-LI-AC (02354037)

Datasheet

Power Over Ethernet (PoE)	POE+
Max Number of Stacks	48Gbps
DRAM Memory	256 MB
Flash Memory	32 MB
Performance	
Forwarding performance	15 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		
Management and maintenance		

Power Supply Specifications		
Power Device	Power supply
Power Redundancy	No
Voltage Required	AC 120/230 V (50/60 Hz)

Dimensions / Weight / Miscellaneous		
Width	32cm
Depth	22cm
Height	43.6cm
Weight	5.0kg
MTBF	37years

System Software	
Software Version	Standard Version

Manufacturer Warranty	
Service & Support	1 year warranty

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HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com

Skype: echo.hinetwork

WhatsApp Business: +8618057156223