H3C S5120V3-EI & S5120V3-LI & S5120V3-SI Switch Series

Hardware Information and Specifications

New H3C Technologies Co., Ltd.
http://www.h3c.com

Document version: 6W101-20230604

Preface

H3C S5120V3-EI & S5120V3-LI & S5120V3-SI Switch Series Hardware Information and Specifications describes product models, technical specifications, ports,and LEDs of the S5120V3-EI & S5120V3-LI & S5120V3-SI switches.

This preface includes the following topics about the documentation:

- Audience.
- Conventions.
- Documentation feedback.

Audience

This documentation is intended for:

- Network planners.
- Field technical support and servicing engineers.
- Network administrators working with the switches.

Conventions

The following information describes the conventions used in the documentation.

Command conventions

Convention	Description
Boldface	**Bold** text represents commands and keywords that you enter literally as shown.
Italic	*Italic* text represents arguments that you replace with actual values.
[ ]	Square brackets enclose syntax choices (keywords or arguments) that are optional.
{ x | y | ... }	Braces enclose a set of required syntax choices separated by vertical bars, from which you select one.
[x | y | ...]	Square brackets enclose a set of optional syntax choices separated by vertical bars, from which you select one or none.
{ x | y | ... } *	Asterisk marked braces enclose a set of required syntax choices separated by vertical bars, from which you select a minimum of one.
[x | y | ...] *	Asterisk marked square brackets enclose optional syntax choices separated by vertical bars, from which you select one choice, multiple choices, or none.
&<1-n>	The argument or keyword and argument combination before the ampersand (&) sign can be entered 1 to n times.
#	A line that starts with a pound (#) sign is comments.

GUI conventions

Convention	Description
Boldface	Window names, button names, field names, and menu items are in Boldface. For example, the **New User** window opens; click **OK**.

Convention	Description
>	Multi-level menus are separated by angle brackets. For example, **File** > **Create** > **Folder**.

Symbols

Convention	Description
WARNING!	An alert that calls attention to important information that if not understood or followed can result in personal injury.
CAUTION:	An alert that calls attention to important information that if not understood or followed can result in data loss, data corruption, or damage to hardware or software.
IMPORTANT:	An alert that calls attention to essential information.
NOTE:	An alert that contains additional or supplementary information.
TIP:	An alert that provides helpful information.

Network topology icons

Convention	Description
	Represents a generic network device, such as a router, switch, or firewall.
	Represents a routing-capable device, such as a router or Layer 3 switch.
	Represents a generic switch, such as a Layer 2 or Layer 3 switch, or a router that supports Layer 2 forwarding and other Layer 2 features.
	Represents an access controller, a unified wired-WLAN module, or the access controller engine on a unified wired-WLAN switch.
	Represents an access point.
	Represents a wireless terminator unit.
	Represents a wireless terminator.
	Represents a mesh access point.
	Represents omnidirectional signals.
	Represents directional signals.
	Represents a security product, such as a firewall, UTM, multiservice security gateway, or load balancing device.
	Represents a security module, such as a firewall, load balancing, NetStream, SSL VPN, IPS, or ACG module.

Examples provided in this document

Examples in this document might use devices that differ from your device in hardware model, configuration, or software version. It is normal that the port numbers, sample output, screenshots, and other information in the examples differ from what you have on your device.

Documentation feedback

You can e-mail your comments about product documentation to info@h3c.com.

We appreciate your comments.

Contents

Product models and technical specifications 1
Product models 1
Technical specifications 2
S5120V3-EI switch series 2
S5120V3-LI switch series 6
S5120V3-SI switch series 10
Chassis views 13
S5120V3-EI switch series 13
S5120V3-28S-EI 13
S5120V3-54S-EI 13
S5120V3-28P-EI 14
S5120V3-54P-EI 15
S5120V3-36F-EI 15
S5120V3-28S-HPWR-EI 16
S5120V3-54S-PWR-EI 17
S5120V3-30MS-UPWR-DP-EI 17
S5120V3-LI switch series 18
S5120V3-10P-LI 18
S5120V3-20P-LI 19
S5120V3-28P-LI 19
S5120V3-28S-LI 20
S5120V3-28F-LI 21
S5120V3-52P-LI 21
S5120V3-52S-LI 22
S5120V3-28P-PWR-LI 22
S5120V3-28S-PWR-LI 23
S5120V3-52P-PWR-LI 24
S5120V3-52S-PWR-LI 24
S5120V3-10P-PWR-LI 25
S5120V3-12TP-HPWR-LI 26
S5120V3-28P-HPWR-LI 26
S5120V3-28S-HPWR-LI 27
S5120V3-28P-HPWR-LI-Q 28
S5120V3-SI switch series 28
S5120V3-10P-SI 28
S5120V3-28P-SI 29
S5120V3-28S-SI 30
S5120V3-52P-SI 30
S5120V3-52S-SI 31
S5120V3-36F-SI 32
S5120V3-28P-HPWR-SI 32
S5120V3-28S-HPWR-SI-Q 33
S5120V3-54P-PWR-SI 34
Removable components 35
Removable components 35
Removable power supplies 35
Ports and LEDs 37
Ports 37
Console port 37
10/100/1000BASE-T autosensing Ethernet port 37
2.5G/1000/100BASE-T autosensing Ethernet port 38
1000/100BASE-T Ethernet port 38
SFP port 38
SFP+ port 41

Combo interface ····· 44
LEDs ····· 44
System status LED ····· 44
Power supply status LED ····· 44
Mode LED (MODE) ····· 45
10/100/1000BASE-T autosensing Ethernet port LED ····· 46
2.5G/1000/100BASE-T autosensing Ethernet port LED ····· 47
1000/100BASE-T autosensing Ethernet port LED ····· 47
SFP/SFP+ port LED ····· 48
Power input and output status LEDs on the power supplies ····· 48
Cooling system ····· 49

Product models and technical specifications

Product models

This document provides an installation guide for the following switch series

- S5120V3-EI switch series
- S5120V3-LI switch series
- S5120V3-SI switch series

Table 1 describes the switch models that each switch series includes.

Table 1 Switch series and models

Switch series		Model	Product code (PID)
S5120V3-EI switch series	Non-PoE models	S5120V3-28S-EI	LS-5120V3-28S-EI
		S5120V3-54S-EI	LS-5120V3-54S-EI
		S5120V3-28P-EI	LS-5120V3-28P-EI
		S5120V3-54P-EI	LS-5120V3-54P-EI
		S5120V3-36F-EI	LS-5120V3-36F-EI
	PoE models	S5120V3-28S-HPWR-EI	LS-5120V3-28S-HPWR-EI
		S5120V3-54S-PWR-EI	LS-5120V3-54S-PWR-EI
		S5120V3-30MS-UPWR-DP-EI	LS-5120V3-30MS-UPWR-DP-EI
S5120V3-LI switch series	Non-PoE models	S5120V3-10P-LI	LS-5120V3-10P-LI LS-5120V3-10P-LI-GL
		S5120V3-20P-LI	LS-5120V3-20P-LI LS-5120V3-20P-LI-GL
		S5120V3-28S-LI	LS-5120V3-28S-LI LS-5120V3-28S-LI-GL
		S5120V3-28P-LI	LS-5120V3-28P-LI LS-5120V3-28P-LI-GL
		S5120V3-28F-LI	LS-5120V3-28F-LI-GL
		S5120V3-52S-LI	LS-5120V3-52S-LI LS-5120V3-52S-LI-GL
		S5120V3-52P-LI	LS-5120V3-52P-LI LS-5120V3-52P-LI-GL
	PoE models	S5120V3-28S-PWR-LI	LS-5120V3-28S-PWR-LI LS-5120V3-28S-PWR-LI-GL
		S5120V3-28P-PWR-LI	LS-5120V3-28P-PWR-LI LS-5120V3-28P-PWR-LI-GL
		S5120V3-52S-PWR-LI	LS-5120V3-52S-PWR-LI

Switch series		Model	Product code (PID)
			LS-5120V3-52S-PWR-LI-GL
		S5120V3-52P-PWR-LI	LS-5120V3-52P-PWR-LI LS-5120V3-52P-PWR-LI-GL
		S5120V3-28P-HPWR-LI-Q	LS-5120V3-28P-HPWR-LI-Q
		S5120V3-28P-HPWR-LI	LS-5120V3-28P-HPWR-LI LS-5120V3-28P-HPWR-LI-GL
		S5120V3-28S-HPWR-LI	LS-5120V3-28S-HPWR-LI LS-5120V3-28S-HPWR-LI-GL
		S5120V3-10P-PWR-LI	LS-5120V3-10P-PWR-LI LS-5120V3-10P-PWR-LI-GL
		S5120V3-12TP-HPWR-LI	LS-5120V3-12TP-HPWR-LI
S5120V3-SI switch series	Non-PoE models	S5120V3-10P-SI	LS-5120V3-10P-SI
		S5120V3-28P-SI	LS-5120V3-28P-SI
		S5120V3-28S-SI	LS-5120V3-28S-SI
		S5120V3-52P-SI	LS-5120V3-52P-SI
		S5120V3-52S-SI	LS-5120V3-52S-SI
		S5120V3-36F-SI	LS-5120V3-36F-SI
	PoE models	S5120V3-28P-HPWR-SI	LS-5120V3-28P-HPWR-SI
		S5120V3-54P-PWR-SI	LS-5120V3-54P-PWR-SI
		S5120V3-28S-HPWR-SI-Q	LS-5120V3-28S-HPWR-SI-Q

NOTE

Switches of the same model but different PIDs might differ in hardware and software features. You can view the PID of a switch on the label located on its rear panel or top panel.

Technical specifications

S5120V3-EI switch series

Table 2 Technical specifications for the S5120V3-EI non-PoE switch models

Item	S5120V3-28S-EI	S5120V3-54S-EI	S5120V3-28P-EI	S5120V3-54P-EI	S5120V3-36F-EI
Dimensions (H × W × D)	43.6 × 440 × 160 mm (1.72 × 17.32 × 6.30 in)	43.6 × 440 × 260 mm (1.72 × 17.32 × 10.24 in)	43.6 × 440 × 160 mm (1.72 × 17.32 × 6.30 in)	43.6 × 440 × 260 mm (1.72 × 17.32 × 10.24 in)	43.6 × 440 × 260 mm (1.72 × 17.32 × 10.24 in)
Weight	≤ 2.2 kg (4.85 lb)	≤ 4.0 kg (8.82 lb)	≤ 2.2 kg (4.85 lb)	≤ 4.0 kg (8..82 lb)	≤ 3.5 kg (7.72 lb)

Item	S5120V3-28S-EI	S5120V3-54S-EI	S5120V3-28P-EI	S5120V3-54P-EI	S5120V3-36F-EI
Console port	1 × serial console port	1 × serial console port	1 × serial console port	1 × serial console port	1 × serial console port
SFP+ port	4	6	N/A	N/A	4
SFP port	N/A	N/A	4	6	24
10/100/1000BASE-T autosensing Ethernet port	24	48	24	48	8
Input voltage	• Rated voltage 100 VAC to 240 VAC @ 50 or 60 Hz • Max voltage 90 VAC to 264 VAC @ 47 to 63 Hz				
Minimum power consumption	17 W	19 W	17 W	23 W	27 W
Maximum power consumption	37 W	53 W	36 W	52 W	54 W
Chassis leakage current compliance	UL 62368-1/EN 62368-1/IEC 62368-1/UL 60950-1/IEC 60950-1/GB4943.1				
Melting current of power supply fuse	2 A/250 V	3.15 A/250 V	2 A/250 V	3.15 A/250 V	3.15 A/250 V
Operating temperature	–5°C to +45°C (23°F to 113°F) Note: The maximum acceptable temperature decreases by 0.33°C (32.59°F) for every 100 m (328.08 ft) increase in altitude from 0 m (0 ft).				
Operating humidity	5% RH to 95% RH, noncondensing				
Fire resistance compliance	UL 62368-1/EN 62368-1/IEC 62368-1/UL 60950-1/IEC 60950-1/GB4943.1				

Table 3 Technical specifications for S5120V3-EI PoE switch models

Item	S5120V3-28S-HPWR-EI	S5120V3-54S-PWR-EI	S5120V3-30MS-UPWR-DP-EI
Dimensions (H × W × D)	43.6 × 440 × 320 mm (1.72 × 17.32 × 12.60 in)	43.6 × 440 × 320 mm (1.72 × 17.32 × 12.60 in)	43.6 × 440 × 460 mm (1.72 × 17.32 × 18.11 in)
Weight	≤ 5 kg (11.02 lb)	≤ 5.5 kg (12.13 lb)	≤ 8.5 kg (18.74 lb)

Item	S5120V3-28S-HPWR-EI	S5120V3-54S-PWR-EI	S5120V3-30MS-UPWR-DP-EI
Console port	1 × serial console port	1 × serial console port	1 × serial console port
SFP+ port	4	6	6
2.5G/100/1000BASE-T autosensing Ethernet port	N/A	N/A	16
1000/100BASE-T autosensing Ethernet port	N/A	N/A	8
10/100/1000 BASE-T autosensing Ethernet port	24	48	N/A

Input voltage	AC input
	• Rated voltage 100 VAC to 240 VAC @ 50 or 60 Hz
	• Max voltage 90 VAC to 264 VAC @ 47 to 63 Hz
			• AC input for the PSR360-56A/PSR720-56A power supply
			  ○ Rated voltage range 100 VAC to 240 VAC @ 50 Hz or 60 Hz
			  ○ Max voltage range 90 VAC to 264 VAC @ 47 Hz to 63 Hz
			• AC input for the PSR1110-56A power supply
			  ○ Rated voltage range 115 VAC to 240 VAC @ 50 Hz or 60 Hz
			  ○ Max voltage range 102.5 VAC to 264 VAC @ 47 Hz to 63 Hz
			• DC input for the PSR560-56D power supply
			You can use a –48 VDC power source in the equipment room or an RPS (RPS1600-A).
			  ○ Rated voltage range –48 VDC to –60 VDC
			  ○ Max voltage range –36 VDC to –72 VDC

Maximum PoE power per port	30 W	30 W	Depends on the power supply configuration, as shown in Table 4.
Total PoE power	370 W	370W	
Minimum	24 W	30 W	• Single AC input: 47 W

Item	S5120V3-28S-HPWR-EI	S5120V3-54S-PWR-EI	S5120V3-30MS-UPWR-DP-EI
power consumption			• Dual AC inputs: 56 W • Single DC input: 45 W • Dual DC inputs: 64 W
Maximum power consumption	460 W	470 W	• Single AC input: 1270 W • Dual AC inputs: 2430 W • Single DC input: 670 W • Dual DC inputs: 1350 W
Power efficiency	80 PLUS Gold		N/A
Chassis leakage current compliance	UL 62368-1/EN 62368-1/IEC 62368-1/UL 60950-1/IEC 60950-1/GB4943.1		
Melting current of power supply fuse	10 A/250 V		• PSR360-56A: 10 A/250 V • PSR720-56A: 10 A/250 V • PSR1110-56A: 15 A/250 V • PSR560-56D: 30 A/250 V
Operating temperature	–5°C to +45°C (23°F to 113°F) Note: The maximum acceptable temperature decreases by 0.33°C (32.59°F) for every 100 m (328.08 ft) increase in altitude from 0 m (0 ft).		
Operating humidity	5% RH to 95% RH, noncondensing		
Fire resistance compliance	UL 62368-1/EN 62368-1/IEC 62368-1/UL 60950-1/IEC 60950-1/GB4943.1		

Table 4 PoE power capacity of the S5120V3-30MS-UPWR-DP-EI switch

Power supply configuration	S5120V3-30MS-UPWR-DP-EI	
	Total PoE power capacity	Max PoE power capacity per port
2 × PSR1110-56A	2140 W	90 W
1 × PSR1110-56A and 1 × PSR720-56A	1750 W	90 W
1 × PSR1110-56A and 1 × PSR560-56D	1590 W	90 W
1 × PSR1110-56A and 1 × PSR360-56A	1390 W	90 W
1 × PSR1110-56A	1040 W	90 W
2 × PSR720-56A	1360 W	90 W

Power supply configuration	S5120V3-30MS-UPWR-DP-EI	
	Total PoE power capacity	Max PoE power capacity per port
1 × PSR720-56A and 1 × PSR560-56D	1200 W	90 W
1 × PSR720-56A and 1 × PSR360-56A	1000 W	90 W
1 × PSR720-56A	650 W	90 W
2 × PSR560-56D	1040 W	90 W
1 × PSR560-56D and 1 × PSR360-56A	840 W	90 W
1 × PSR560-56D	490 W	90 W
2 × PSR360-56A	640 W	90 W
1 × PSR360-56A	290 W	90 W

S5120V3-LI switch series

Table 5 Technical specifications for S5120V3-LI non-PoE switch models

Item	S5120V3-10P-LI	S5120V3-20P-LI	S5120V3-28P-LI	S5120V3-28S-LI	S5120V3-28F-LI	S5120V3-52P-LI	S5120V3-52S-LI
Dimensions (H × W × D)	43.6 × 266 × 161 mm (1.72 × 10.47 × 6.34 in)	43.6 × 330 × 230 mm (1.72 × 12.99 × 9.06 in)	43.6 × 440 × 160 mm (1.72 × 17.32 × 6.30 in)	43.6 × 440 × 160 mm (1.72 × 17.32 × 6.30 in)	43.6 × 440 × 230 mm (1.72 × 17.32 × 9.06 in)	43.6 × 440 × 230 mm (1.72 × 17.32 × 9.06 in)	43.6 × 440 × 230 mm (1.72 × 17.32 × 9.06 in)
Weight	≤ 1.5 kg (3.31 lb)	≤ 2 kg (4.41 lb)	≤ 2.5 kg (5.51 lb)	≤ 2.5 kg (5.51 lb)	≤ 3.0 kg (6.61 lb)	≤ 3.5 kg (7.72 lb)	≤ 3.5 kg (7.72 lb)
Console port	1 × serial console port	1 × serial console port	1 × serial console port	1 × serial console port	1 × serial console port	1 × serial console port	1 × serial console port
SFP port	2	4	4	N/A	26 (SFP ports numbered 25 and 26 form combo interfaces with their corresponding 10/100/1000BASE-T autosensing Ethernet ports, respectively.)	4	N/A
SFP+ port	N/A	N/A	N/A	4	2	N/A	4
10/100/	8	16	24	24	2 (The	48	48

Item	S5120V3-10P-LI	S5120V3-20P-LI	S5120V3-28P-LI	S5120V3-28S-LI	S5120V3-28F-LI	S5120V3-52P-LI	S5120V3-52S-LI
1000BASE-T autosensing Ethernet port					10/100/1000BASE-T autosensing Ethernet ports form combo interfaces with their corresponding SFP ports, respectively.)		
Input voltage	AC input: • Rated voltage 100 VAC to 240 VAC @ 50 or 60 Hz • Max voltage 90 VAC to 264 VAC @ 47 to 63 Hz						
Minimum power consumption	8 W	9 W	9 W	10 W	15 W	18 W	19 W
Maximum PoE power per port	14 W	19 W	23 W	24 W	45 W	41 W	44 W
Chassis leakage current compliance	UL 62368-1/EN 62368-1/IEC 62368-1/UL 60950-1/IEC 60950-1/GB4943.1						
Melting current of power supply fuse	2 A/250 V	2 A/250 V	2 A/250 V	2 A/250 V	3.15 A/250 V	3.15 A/250 V	3.15 A/250 V
Operating temperature	–5°C to +45°C (23°F to 113°F) Note: The maximum acceptable temperature decreases by 0.33°C (32.59°F) for every 100 m (328.08 ft) increase in altitude from 0 m (0 ft).						
Operating humidity	5% RH to 95% RH, noncondensing						
Fire resistance compliance	UL 62368-1/EN 62368-1/IEC 62368-1/UL 60950-1/IEC 60950-1/GB4943.1						

Table 6 Technical specifications for the S5120V3-LI PoE switch models(1)

Item	S5120V3-28P-PWR-LI	S5120V3-28S-PWR-LI	S5120V3-52P-PWR-LI	S5120V3-52S-PWR-LI	S5120V3-28P-HPWR-LI-Q
Dimensions (H × W × D)	43.6 × 440 × 260 mm (1.72 × 17.32 × 10.24 in)	43.6 × 440 × 260 mm (1.72 × 17.32 × 10.24 in)	43.6 × 440 × 400 mm (1.72 × 17.32 × 15.75 in)	43.6 × 440 × 400 mm (1.72 × 17.32 × 15.75 in)	43.6 × 440 × 422 mm (1.72 × 17.32 × 16.61 in)
Weight	≤ 4.5 kg (9.92 lb)	≤ 4.5 kg (9.92 lb)	≤ 6 kg (13.23 lb)	≤ 6 kg (13.23 lb)	≤ 6 kg (13.23 lb)
Console port	1 × serial console port				• 1 × serial console port • 1 × micro USB console port If you connect both ports to a configuration terminal, only the micro USB port takes effect.
SFP+ port	N/A	4	N/A	4	N/A
SFP port	4	N/A	4	N/A	4
10/100/1000BASE-T autosensing Ethernet port	24	24	48	48	24
Input voltage	• Rated voltage 100 VAC to 240 VAC @ 50 or 60 Hz • Max voltage 90 VAC to 264 VAC @ 47 to 63 Hz				
Maximum PoE power per port	30 W				
Total PoE power	240 W		370W		
Minimum power consumption	15 W	15 W	36 W	36 W	12 W
Maximum power consumption	294 W	294 W	467 W	467 W	400 W
Chassis leakage current compliance	UL 62368-1/EN 62368-1/IEC 62368-1/UL 60950-1/IEC 60950-1/GB4943.1				
Melting current of	10 A/250 V		15 A/250 V		10 A/420 V

Item	S5120V3-28P-PWR-LI	S5120V3-28S-PWR-LI	S5120V3-52P-PWR-LI	S5120V3-52S-PWR-LI	S5120V3-28P-HPWR-LI-Q
power supply fuse					
Operating temperature	–5°C to +45°C (23°F to 113°F) Note: The maximum acceptable temperature decreases by 0.33°C (32.59°F) for every 100 m (328.08 ft) increase in altitude from 0 m (0 ft).				
Operating humidity	5% RH to 95% RH, noncondensing				
Fire resistance compliance	UL 62368-1/EN 62368-1/IEC 62368-1/UL 60950-1/IEC 60950-1/GB4943.1				

Table 7 Technical specifications for the S5120V3-LI PoE switch models (2)

Item	S5120V3-10P-PWR-LI	S5120V3-12TP-HPWR-LI	S5120V3-28P-HPWR-LI	S5120V3-28S-HPWR-LI
Dimensions (H × W × D)	43.6 × 330 × 230 mm (1.72 × 12.99 × 9.06 in)	43.6 × 330 × 230 mm (1.72 × 12.99 × 9.06 in)	43.6 × 440 × 260 mm (1.72 × 17.32 × 10.22 in)	43.6 × 440 × 260 mm (1.72 × 17.32 × 10.22 in)
Weight	≤ 3 kg (6.61 lb)	≤ 3 kg (6.61 lb)	≤ 4.5 kg (9.92 lb)	≤ 4.5 kg (9.92 lb)
Console port	1 × serial console port			• 1 × serial console port • 1 × micro USB console port If you connect both ports to a configuration terminal, only the micro USB port takes effect.
SFP port	2	4 (The leftmost two SFP ports and their corresponding 10/100/1000BASE-T autosensing Ethernet ports form combo interfaces.)	4 (Each and its corresponding 10/100/1000BASE-T autosensing Ethernet port form a combo interface.)	4 (Each and its corresponding 10/100/1000BASE-T autosensing Ethernet port form a combo interface.)
SFP+ port	N/A	N/A	N/A	4
10/100/1000BASE-T autosensing Ethernet port	8	10 (The rightmost two and their corresponding SFP ports form combo interfaces.)	28 (The rightmost four and their corresponding SFP ports form combo interfaces.)	24 (The rightmost four and their corresponding SFP ports form combo interfaces.)
Input voltage	• Rated voltage range 100 VAC to 240 VAC @ 50 Hz or 60 Hz • Max voltage range 90 VAC to 264 VAC @ 47 Hz to 63 Hz			
Maximum PoE power per port	30 W The copper combo ports on the S5120V3-12TP-HPWR-LI, S5120V3-28P-HPWR-LI, and S5120V3-28S-HPWR-LI switches are not PoE capable.			

Item	S5120V3-10P-PWR-LI	S5120V3-12TP-HPWR-LI	S5120V3-28P-HPWR-LI	S5120V3-28S-HPWR-LI
Total PoE power	125 W	125 W	370 W	370 W
Minimum power consumption	10 W	10 W	15 W	16 W
Maximum power consumption (including PoE output)	155 W	155 W	443 W	445 W
Chassis leakage current compliance	UL 62368-1/EN 62368-1/IEC 62368-1/UL 60950-1/IEC 60950-1/GB4943.1			
Melting current of power supply fuse	6.3 A/250 V	6.3 A/250 V	15 A/250 V	15 A/250 V
Operating temperature	–5°C to +45°C (23°F to 113°F) Note: The maximum acceptable temperature decreases by 0.33°C (32.59°F) for every 100 m (328.08 ft) increase in altitude from 0 m (0 ft).			
Operating humidity	5% RH to 95% RH, noncondensing			
Fire resistance compliance	UL 62368-1/EN 62368-1/IEC 62368-1/UL 60950-1/IEC 60950-1/GB4943.1			

S5120V3-SI switch series

Table 8 Technical specifications for S5120V3-SI switch series non-PoE switch models

Item	S5120V3-28P-SI	S5120V3-28S-SI	S5120V3-52P-SI	S5120V3-52S-SI	S5120V3-36F-SI	S5120V3-10P-SI
Dimensions (H × W × D)	43.6 × 440 × 160 mm (1.72 × 17.32 × 6.30 in)	43.6 × 440 × 160 mm (1.72 × 17.32 × 6.30 in)	43.6 × 440 × 230 mm (1.72 × 17.32 × 9.06 in)	43.6 × 440 × 230 mm (1.72 × 17.32 × 9.06 in)	43.6 × 440 × 260 mm (1.72 × 17.32 × 10.24 in)	43.6 × 266 × 161 mm (1.72 × 10.47 × 6.34 in)
Weight	≤ 2.5 kg (5.51 lb)	≤ 2.5 kg (5.51 lb)	≤ 3.5 kg (7.72 lb)	≤ 3.5 kg (7.72 lb)	≤ 3.5 kg (7.72 lb)	≤ 1.5 kg (3.31 lb)
Console port	1 × serial console port					
SFP port	4	N/A	4	N/A	24	2
SFP+ port	N/A	4	N/A	4	4	N/A
10/100/1000BASE-	24	24	48	48	8	8

Item	S5120V3-28P-SI	S5120V3-28S-SI	S5120V3-52P-SI	S5120V3-52S-SI	S5120V3-36F-SI	S5120V3-10P-SI
T autosensing Ethernet port						
Input voltage	• Rated voltage range 100 VAC to 240 VAC @ 50 Hz or 60 Hz • Max voltage range 90 VAC to 264 VAC @ 47 Hz to 63 Hz					
Minimum power consumption	9 W	10 W	18 W	19 W	27 W	8 W
Maximum power consumption	23 W	24 W	41 W	44 W	54 W	14 W
Chassis leakage current compliance	UL 62368-1/EN 62368-1/IEC 62368-1/UL 60950-1/IEC 60950-1/GB4943.1					
Melting current of power supply fuse	2 A/250 V	2 A/250 V	3.15 A/250 V	3.15 A/250 V	3.15 A/250 V	2 A/250 V
Operating temperature	–5°C to +45°C (23°F to 113°F) Note: The maximum acceptable temperature decreases by 0.33°C (32.59°F) for every 100 m (328.08 ft) increase in altitude from 0 m (0 ft).					
Operating humidity	5% RH to 95% RH, noncondensing					
Fire resistance compliance	UL 62368-1/EN 62368-1/IEC 62368-1/UL 60950-1/IEC 60950-1/GB4943.1					

Table 9 Technical specifications for S5120V3-SI switch series PoE switch models

Item	S5120V3-28P-HPWR-SI	S5120V3-54P-PWR-SI	S5120V3-28S-HPWR-SI-Q
Dimensions (H × W × D)	43.6 × 440 × 320 mm (1.72 × 17.32 × 12.60 in)	43.6 × 440 × 320 mm (1.72 × 17.32 × 12.60 in)	43.6 × 440 × 422 mm (1.72 × 17.32 × 16.61 in)
Weight	≤ 5 kg (11.02 lb)	≤ 5.5 kg (12.13 lb)	≤ 6 kg (13.23 lb)
Console port	1 × serial console port		• 1 × serial console port • 1 × micro USB console port If you connect both ports to a configuration terminal, only the micro USB port takes effect.

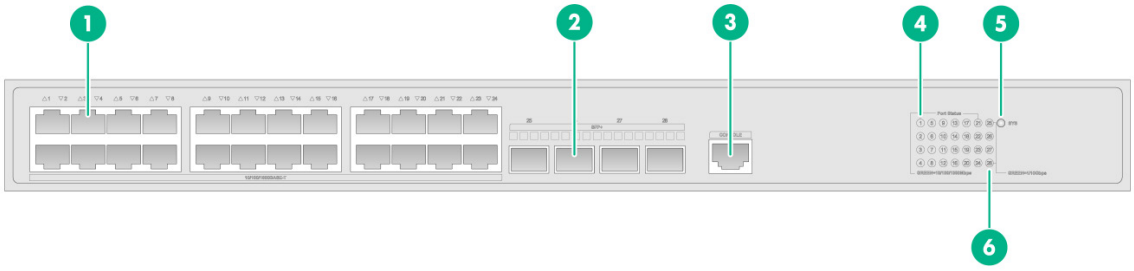
Item	S5120V3-28P-HPWR-SI	S5120V3-54P-PWR-SI	S5120V3-28S-HPWR-SI-Q
SFP port	4	6	N/A
SFP+ port	N/A	N/A	4
10/100/1000 BASE-T autosensing Ethernet port	24	48	24
Input voltage	• Rated voltage range: 100 VAC to 240 VAC @ 50 Hz or 60 Hz • Max voltage range: 90 VAC to 264 VAC @ 47 Hz to 63 Hz		
PoE power capacity	• Total PoE power: 370 W • Max PoE power on a single port: 30 W		
Minimum power consumption	24 W	30 W	12 W
Maximum power consumption (including PoE output)	460 W	470 W	400 W
Power supply efficiency	80 PLUS Gold	80 PLUS Gold	N/A
Chassis leakage current compliance	UL 62368-1/EN 62368-1/IEC 62368-1/UL 60950-1/IEC 60950-1/GB4943.1		
Melting current of power supply fuse	10 A/250 V		10 A/420 V
Operating temperature	–5°C to +45°C (23°F to 113°F) Note: The maximum acceptable temperature decreases by 0.33°C (32.59°F) for every 100 m (328.08 ft) increase in altitude from 0 m (0 ft).		
Operating humidity	5% RH to 95% RH, noncondensing		
Fire resistance compliance	UL 62368-1/EN 62368-1/IEC 62368-1/UL 60950-1/IEC 60950-1/GB4943.1		

Chassis views

S5120V3-EI switch series

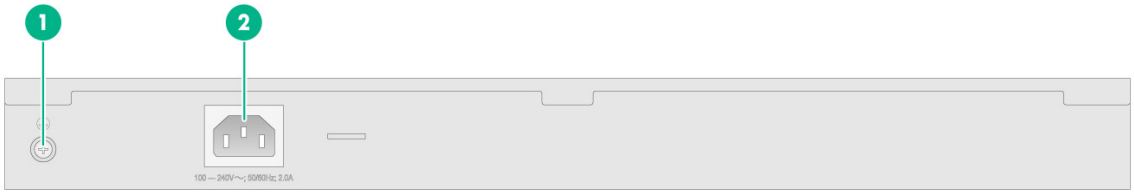
S5120V3-28S-EI

Figure 1 S5120V3-28S-EI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) SFP+ port	(3) Serial console port
(4) 10/100/1000BASE-T autosensing Ethernet port LED	(5) System status LED
(6) SFP+ port LED	

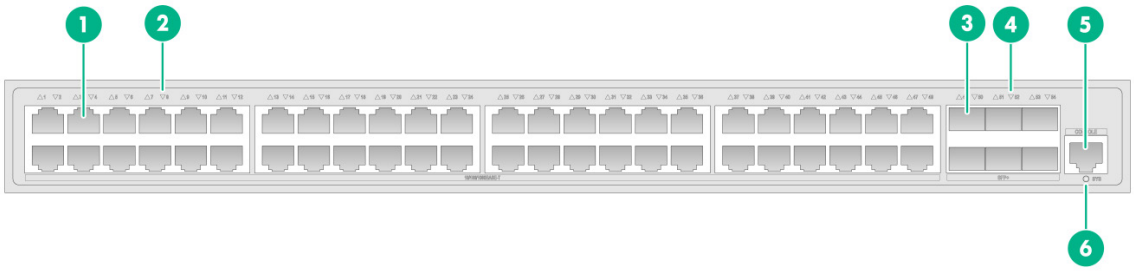
Figure 2 S5120V3-28S-EI rear panel



(1) Grounding screw	(2) AC-input power receptacle

S5120V3-54S-EI

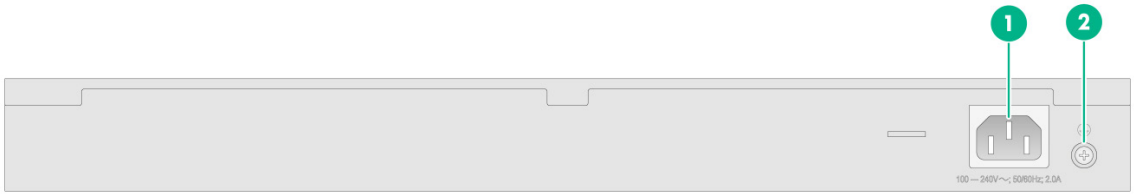
Figure 3 S5120V3-54S-EI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port
(2) 10/100/1000BASE-T autosensing Ethernet port LED

(3) SFP+ port	(4) SFP+ port LED
(5) Serial console port	(6) System status LED

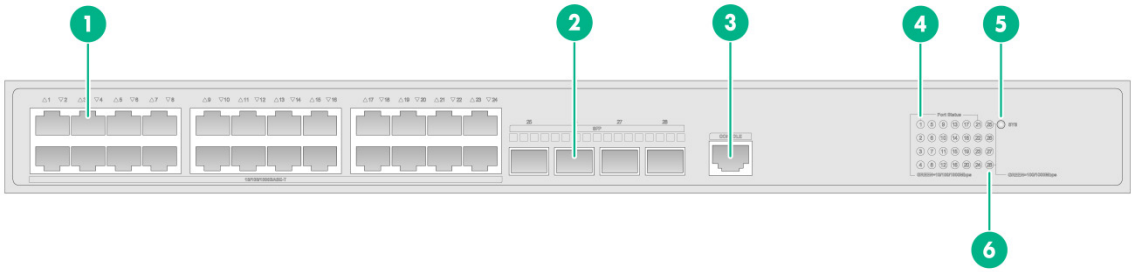
Figure 4 S5120V3-54S-EI rear panel



(1) AC-input power receptacle	(2) Grounding screw

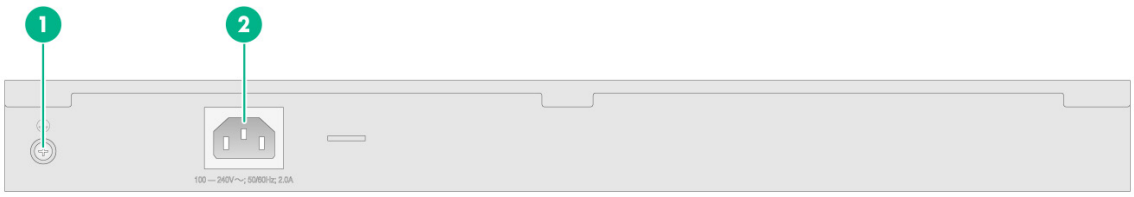
S5120V3-28P-EI

Figure 5 S5120V3-28P-EI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) SFP port	(3) Serial console port
(4) 10/100/1000BASE-T autosensing Ethernet port LED	
(5) System status LED	(6) SFP port LED

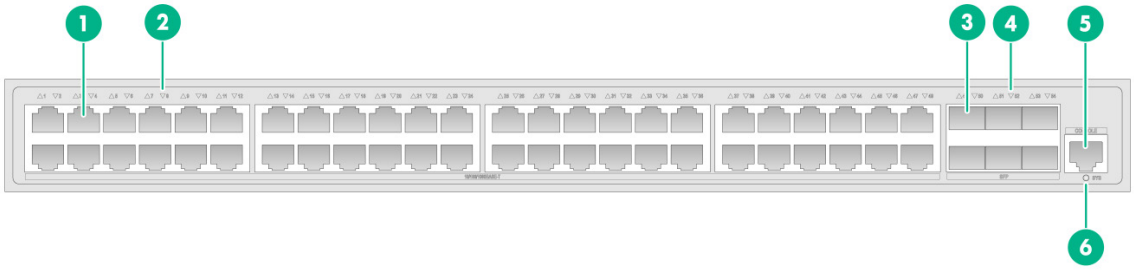
Figure 6 S5120V3-28P-EI rear panel



(1) Grounding screw	(2) AC-input power receptacle

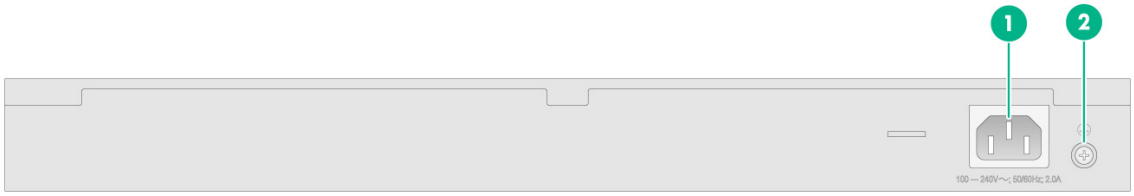
S5120V3-54P-EI

Figure 7 S5120V3-54P-EI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) SFP port	(4) SFP port LED
(5) Serial console port	(6) System status LED

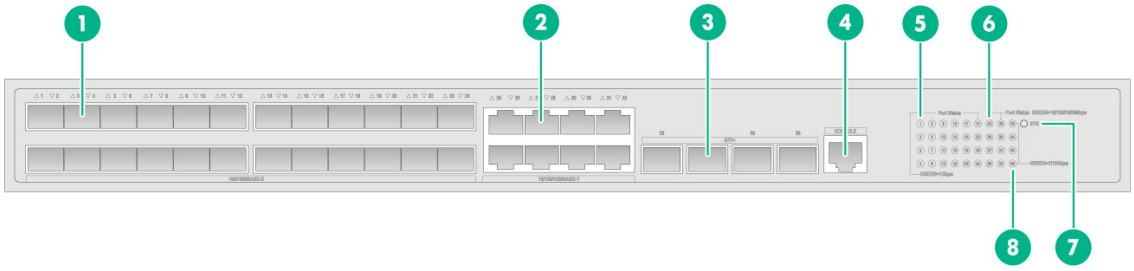
Figure 8 S5120V3-54P-EI rear panel



(1) AC-input power receptacle	(2) Grounding screw

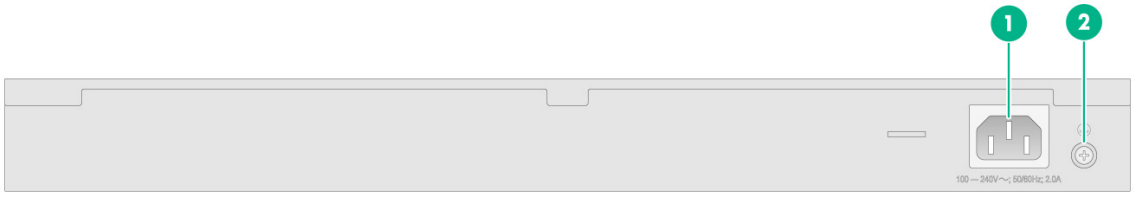
S5120V3-36F-EI

Figure 9 S5120V3-36F-EI front panel



(1) SFP port	(2) 10/100/1000BASE-T autosensing Ethernet port
(3) SFP+ port	(4) Serial console port
(5) SFP port LED	(6) 10/100/1000BASE-T autosensing Ethernet port LED
(7) System status LED	(8) SFP+ port LED

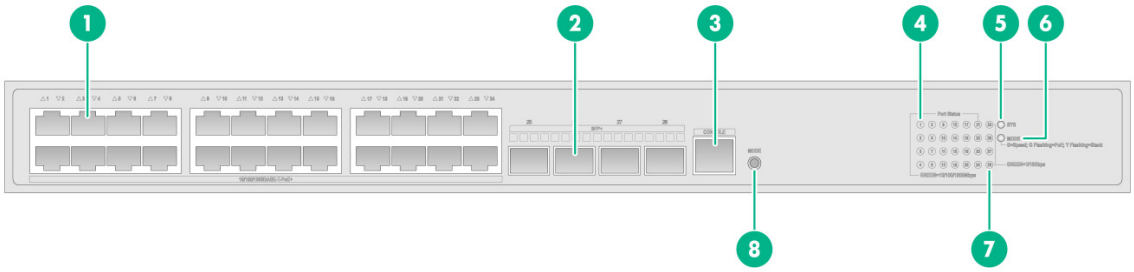
Figure 10 S5120V3-36F-EI rear panel



(1) AC-input power receptacle	(2) Grounding screw

S5120V3-28S-HPWR-EI

Figure 11 S5120V3-28S-HPWR-EI front panel



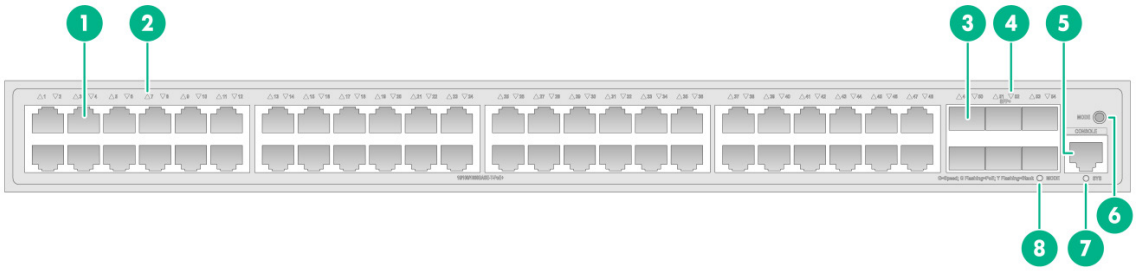
(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) SFP+ port	(3) Serial console port
(4) 10/100/1000BASE-T autosensing Ethernet port LED	
(5) System status LED	(6) Mode LED (MODE)
(7) SFP+ port LED	(8) Port LED mode switching button

Figure 12 S5120V3-28S-HPWR-EI rear panel

(1) Grounding screw	(2) AC-input power receptacle

S5120V3-54S-PWR-EI

Figure 13 S5120V3-54S-PWR-EI front panel



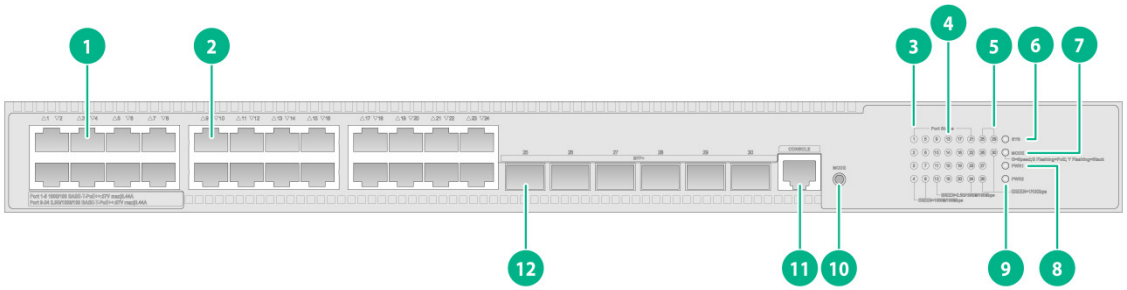
(1) 10/100/1000BASE-T PoE+ autosensing Ethernet port	
(2) 10/100/1000BASE-T PoE+ autosensing Ethernet port LED	
(3) SFP+ port	(4) SFP+ port LED
(5) Serial console port	(6) Port LED mode switching button
(7) System status LED	(8) Mode LED (MODE)

Figure 14 S5120V3-54S-PWR-EI rear panel

(1) Grounding screw	(2) AC-input power receptacle

S5120V3-30MS-UPWR-DP-EI

Figure 15 S5120V3-30MS-UPWR-DP-EI front panel



(1) 1000/100BASE-T autosensing Ethernet port	
(2) 2.5G/1000/100BASE-T autosensing Ethernet port	
(3) 1000/100BASE-T autosensing Ethernet port LED	
(4) 2.5G/1000/100BASE-T autosensing Ethernet port LED	
(5) SFP+ port LED	(6) System status LED
(7) Mode LED (MODE)	(8) Power supply 1 status LED
(9) Power supply 2 status LED	(10) Port LED mode switching button

(11) Serial console port	(12) SFP+ port

Figure 16 S5120V3-30MS-UPWR-DP-EI rear panel

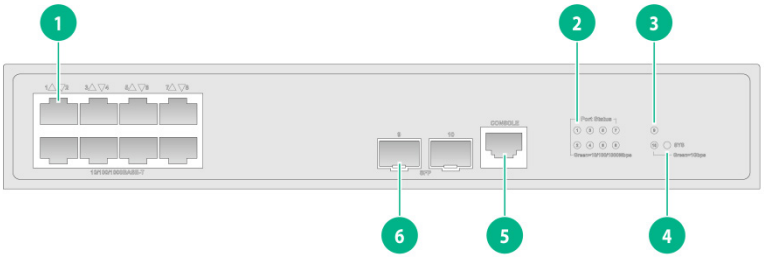
(1) Grounding screw	(2) Power supply 1
(3) Power supply 2	

The S5120V3-30MS-UPWR-DP-EI switch has two power supply slots on the rear panel. It came with power supply slot 1 empty and power supply slot 2 installed with a filler panel. You can install one or two power supplies for the switch. In Figure 16, two PSR720-56A AC power supplies are installed on the switch.

S5120V3-LI switch series

S5120V3-10P-LI

Figure 17 S5120V3-10P-LI front panel



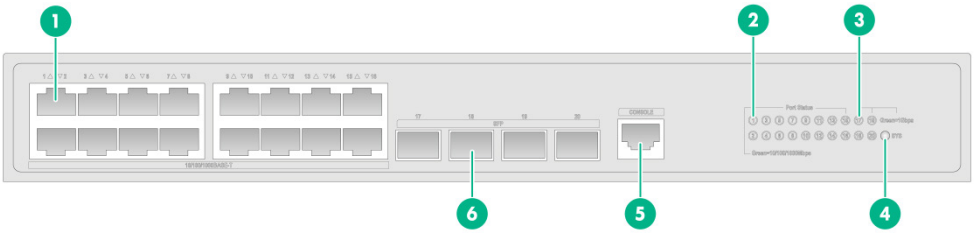
(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) SFP port LED	(4) System status LED (SYS)
(5) Console port	(6) SFP port

Figure 18 S5120V3-10P-LI rear panel

(1) Grounding screw	(2) AC-input power receptacle

S5120V3-20P-LI

Figure 19 S5120V3-20P-LI front panel



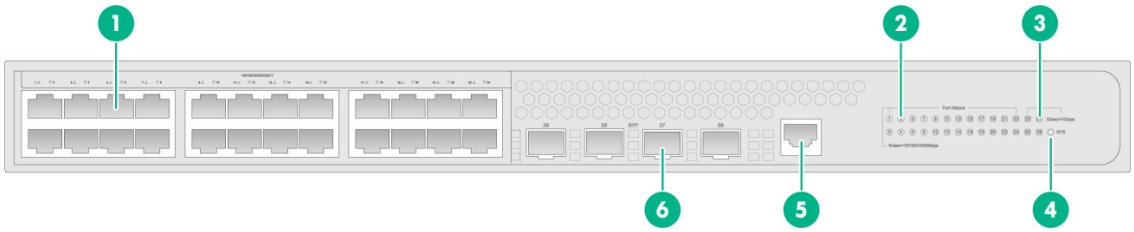
(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) SFP port LED	(4) System status LED (SYS)
(5) Console port	(6) SFP port

Figure 20 S5120V3-20P-LI rear panel

(1) AC-input power receptacle	(2) Grounding screw

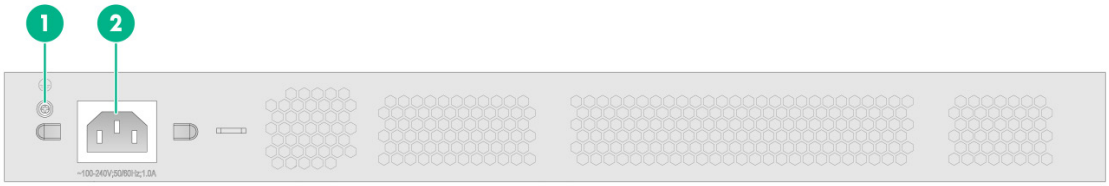
S5120V3-28P-LI

Figure 21 S5120V3-28P-LI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) SFP port LED	(4) System status LED (SYS)
(5) Console port	(6) SFP port

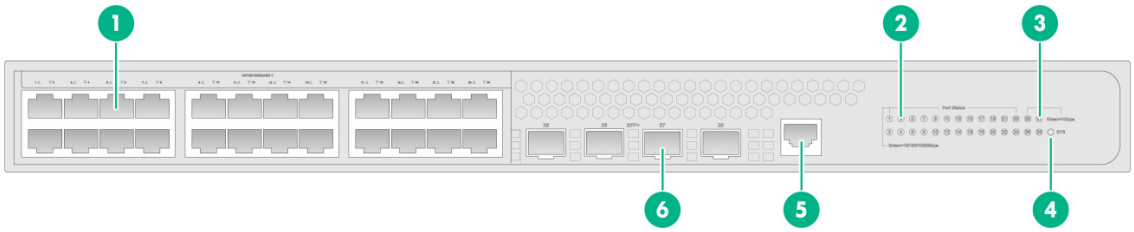
Figure 22 S5120V3-28P-LI rear panel



(1) Grounding screw	(2) AC-input power receptacle

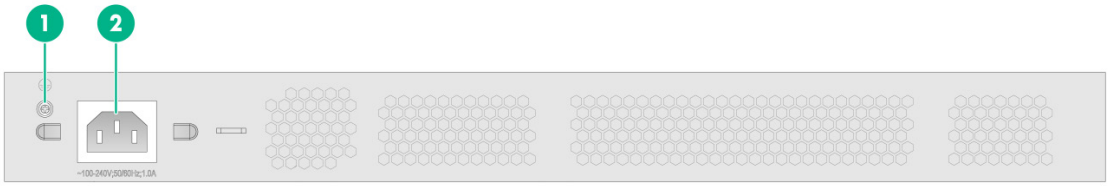
S5120V3-28S-LI

Figure 23 S5120V3-28S-LI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) SFP+ port LED	(4) System status LED (SYS)
(5) Console port	(6) SFP+ port

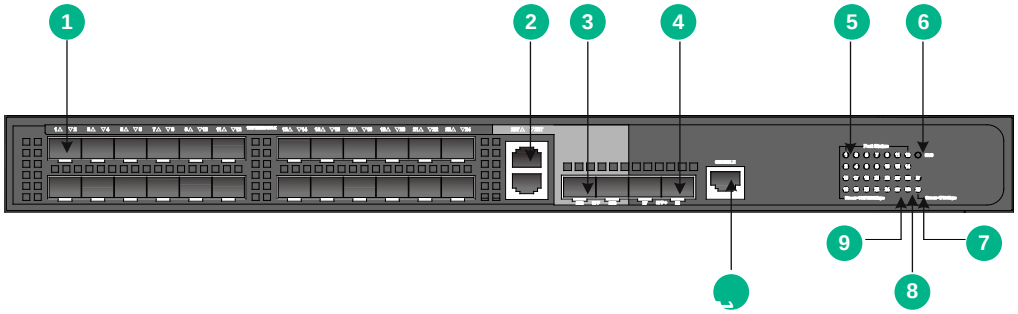
Figure 24 S5120V3-28S-LI rear panel



(1) Grounding screw	(2) AC-input power receptacle

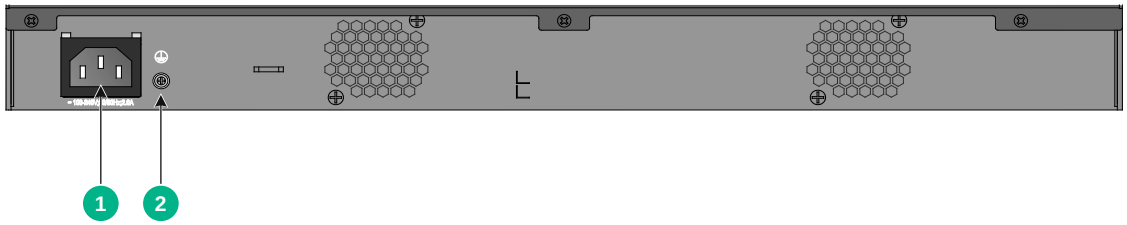
S5120V3-28F-LI

Figure 25 S5120V3-28F-LI front panel



(1) SFP port	(2) 10/100/1000BASE-T autosensing Ethernet port
(3) SFP port	(4) SFP+ port
(5) SFP port LED	(6) System status LED (SYS)
(7) SFP+ port LED	(8) SFP port LED
(9) 10/100/1000BASE-T autosensing Ethernet port LED	(10) Console port

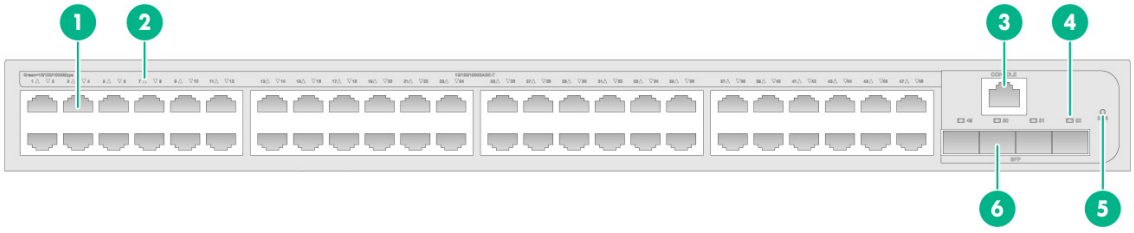
Figure 26 S5120V3-28F-LI rear panel



(1) AC-input power receptacle	(2) Grounding screw

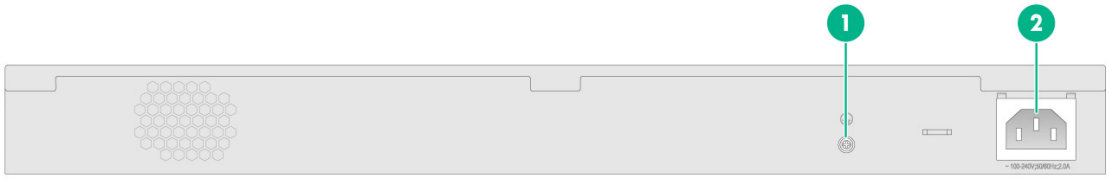
S5120V3-52P-LI

Figure 27 S5120V3-52P-LI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) Console port	(4) SFP port LED
(5) System status LED (SYS)	(6) SFP port

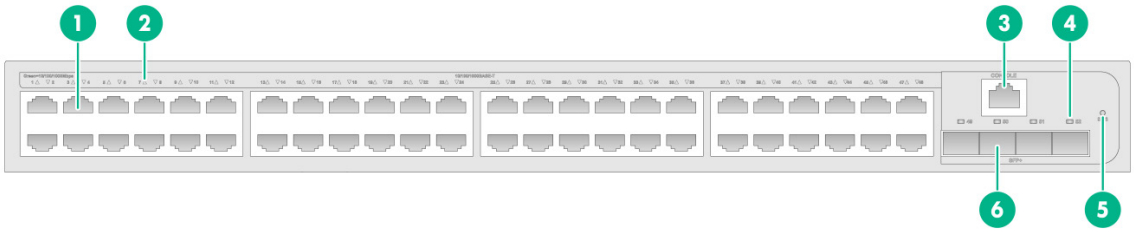
Figure 28 S5120V3-52P-LI rear panel



(1) Grounding screw	(2) AC-input power receptacle

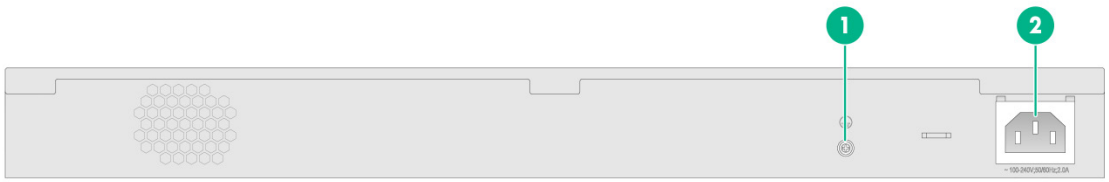
S5120V3-52S-LI

Figure 29 S5120V3-52S-LI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) Console port	(4) SFP+ port LED
(5) System status LED (SYS)	(6) SFP+ port

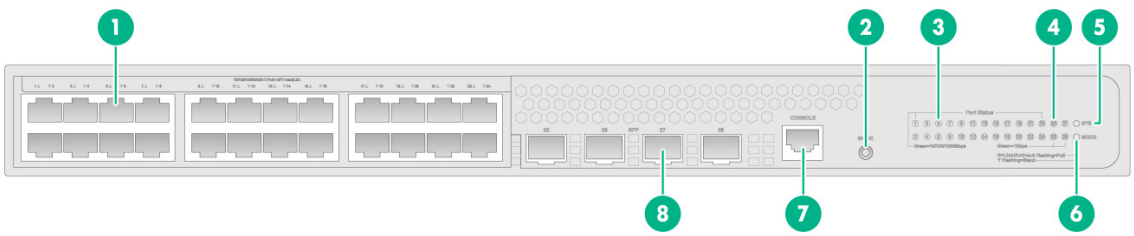
Figure 30 S5120V3-52S-LI rear panel



(1) Grounding screw	(2) AC-input power receptacle

S5120V3-28P-PWR-LI

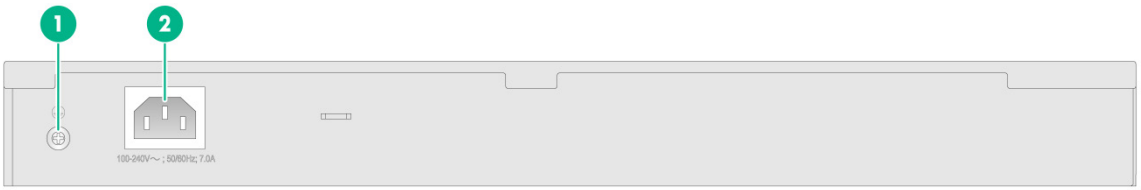
Figure 31 S5120V3-28P-PWR-LI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	(2) Port LED mode switching button

(1) 10/100/1000BASE-T autosensing Ethernet port	(2) Port LED mode switching button
(3) 10/100/1000BASE-T autosensing Ethernet port LED	(4) SFP port LED
(5) System status LED (SYS)	(6) Mode LED (MODE)
(7) Console port	(8) SFP port

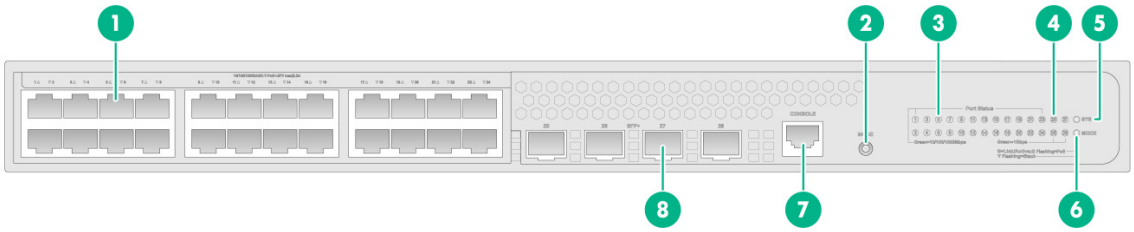
Figure 32 S5120V3-28P-PWR-LI rear panel



(1) Grounding screw	(2) AC-input power receptacle

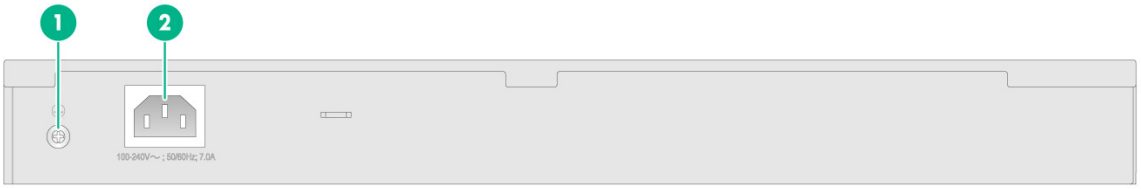
S5120V3-28S-PWR-LI

Figure 33 S5120V3-28S-PWR-LI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	(2) Port LED mode switching button
(3) 10/100/1000BASE-T autosensing Ethernet port LED	(4) SFP+ port LED
(5) System status LED (SYS)	(6) Mode LED (MODE)
(7) Console port	(8) SFP+ port

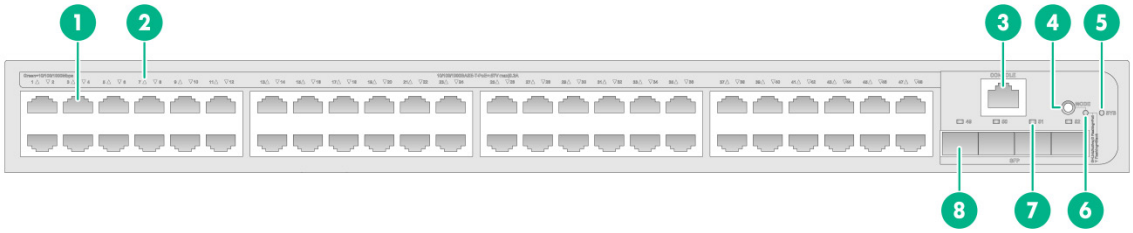
Figure 34 S5120V3-28S-PWR-LI rear panel



(1) Grounding screw	(2) AC-input power receptacle

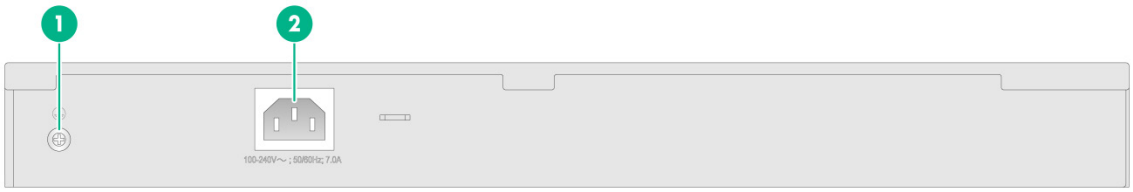
S5120V3-52P-PWR-LI

Figure 35 S5120V3-52P-PWR-LI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) Console port	(4) Port LED mode switching button
(5) System status LED (SYS)	(6) Mode LED (MODE)
(7) SFP port LED	(8) SFP port

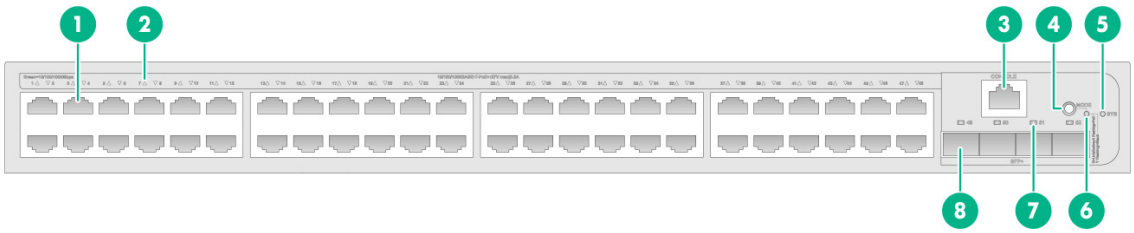
Figure 36 S5120V3-52P-PWR-LI rear panel



(1) Grounding screw	(2) AC-input power receptacle

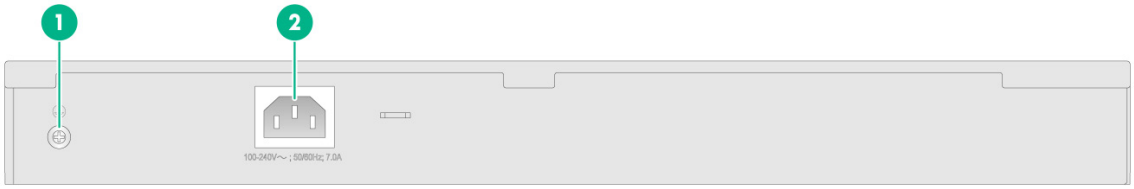
S5120V3-52S-PWR-LI

Figure 37 S5120V3-52S-PWR-LI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) Console port	(4) Port LED mode switching button
(5) System status LED (SYS)	(6) Mode LED (MODE)
(7) SFP+ port LED	(8) SFP+ port

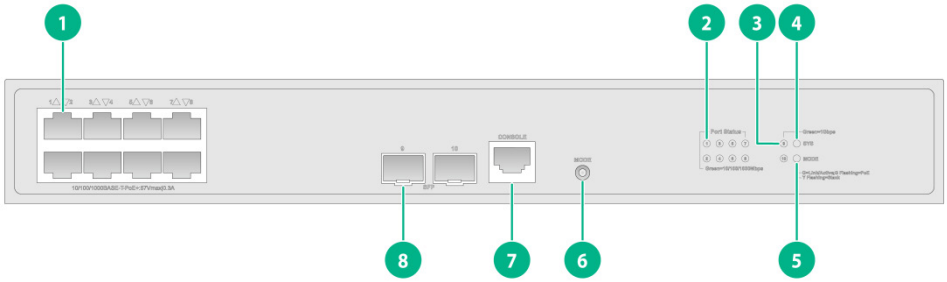
Figure 38 S5120V3-52S-PWR-LI rear panel



(1) Grounding screw	(2) AC-input power receptacle

S5120V3-10P-PWR-LI

Figure 39 S5120V3-10P-PWR-LI front panel



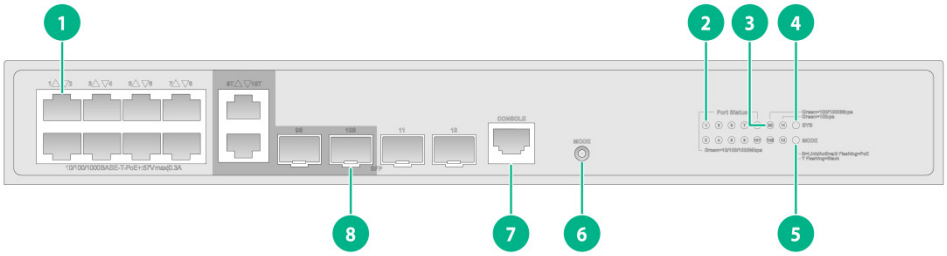
(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) SFP port LED	(4) System status LED (SYS)
(5) Mode LED (MODE)	(6) Port LED mode switching button
(7) Console port	(8) SFP port

Figure 40 S5120V3-10P-PWR-LI rear panel

(1) AC-input power receptacle	(2) Grounding screw

S5120V3-12TP-HPWR-LI

Figure 41 S5120V3-12TP-HPWR-LI front panel



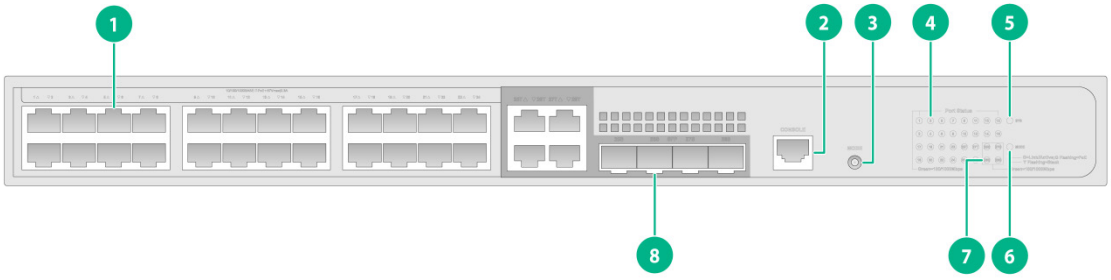
(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) SFP port LED	(4) System status LED (SYS)
(5) Mode LED (MODE)	(6) Port LED mode switching button
(7) Console port	(8) SFP port

Figure 42 S5120V3-12TP-HPWR-LI rear panel

(1) AC-input power receptacle	(2) Grounding screw

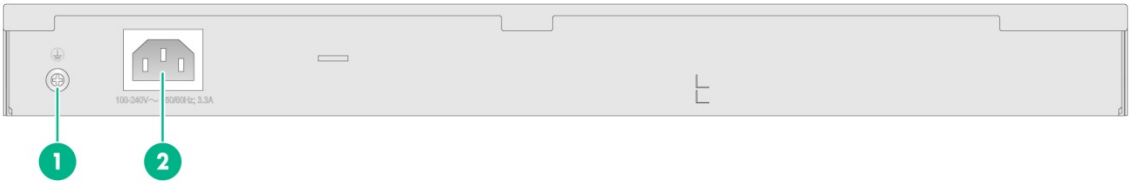
S5120V3-28P-HPWR-LI

Figure 43 S5120V3-28P-HPWR-LI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) Console port	(3) Port LED mode switching button
(4) 10/100/1000BASE-T autosensing Ethernet port LED	
(5) System status LED (SYS)	(6) Mode LED (MODE)
(7) SFP port LED	(8) SFP port

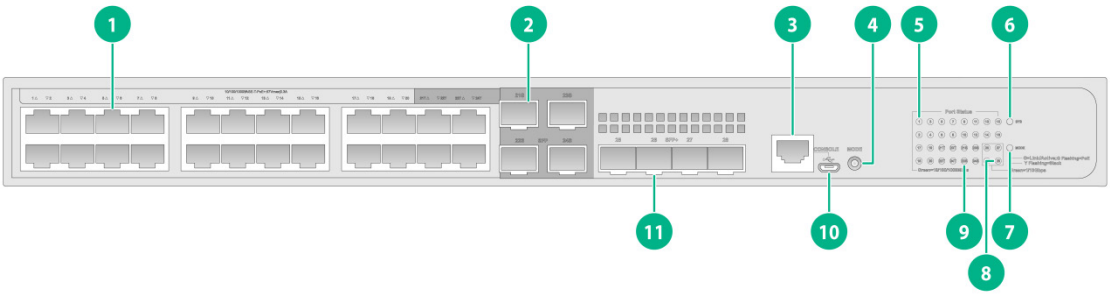
Figure 44 S5120V3-28P-HPWR-LI rear panel



(1) Grounding screw	(2) AC-input power receptacle

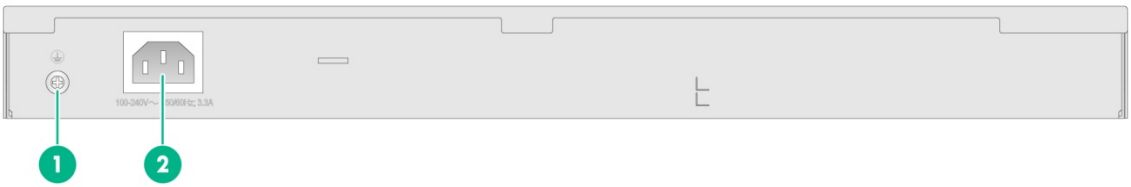
S5120V3-28S-HPWR-LI

Figure 45 S5120V3-28S-HPWR-LI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	(2) SFP port
(3) Console port	(4) Port LED mode switching button
(5) 10/100/1000BASE-T autosensing Ethernet port LED	
(6) System status LED (SYS)	(7) Mode LED (MODE)
(8) SFP+ port LED	(9) SFP port LED
(10) Micro USB console port	(11) SFP+ port

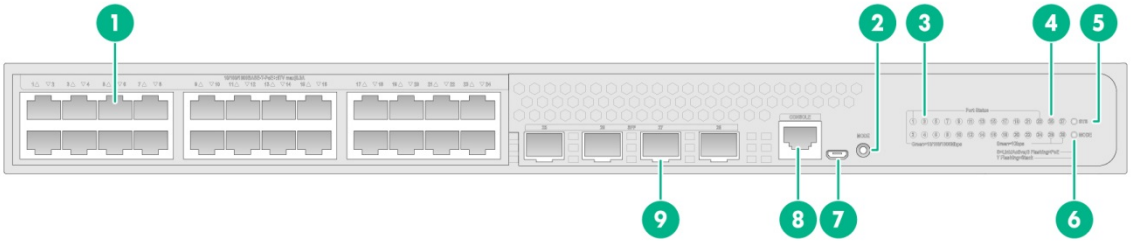
Figure 46 S5120V3-28S-HPWR-LI rear panel



(1) Grounding screw	(2) AC-input power receptacle

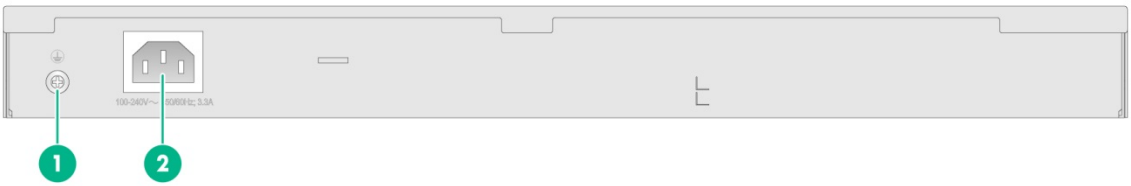
S5120V3-28P-HPWR-LI-Q

Figure 47 S5120V3-28P-HPWR-LI-Q front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	(2) Port LED mode switching button
(3) 10/100/1000BASE-T autosensing Ethernet port LED	(4) SFP port LED
(5) System status LED (SYS)	(6) Mode LED (MODE)
(7) Micro USB console port	(8) Serial console port
(9) SFP port	

Figure 48 S5120V3-28P-HPWR-LI-Q rear panel

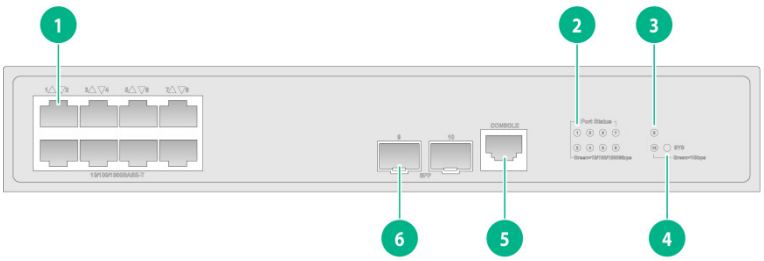


(1) Grounding screw	(2) AC-input power receptacle

S5120V3-SI switch series

S5120V3-10P-SI

Figure 49 S5120V3-10P-SI front panel



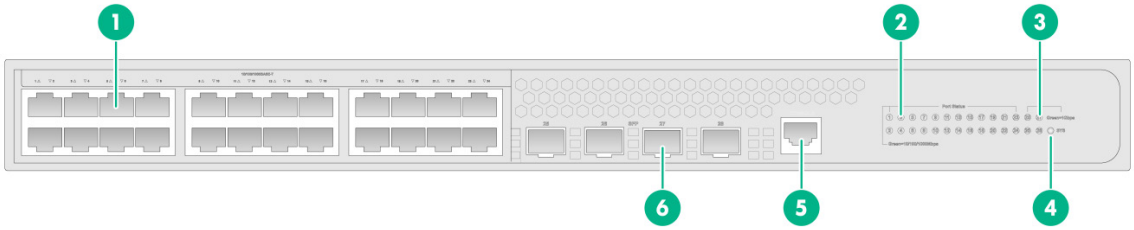
(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) SFP port LED	(4) System status LED (SYS)
(5) Console port	(6) SFP port

Figure 50 S5120V3-10P-SI rear panel

(1) Grounding screw	(2) AC-input power receptacle

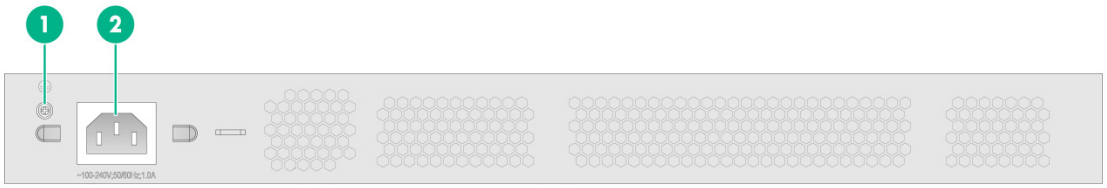
S5120V3-28P-SI

Figure 51 S5120V3-28P-SI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) SFP port LED	(4) System status LED (SYS)
(5) Console port	(6) SFP port

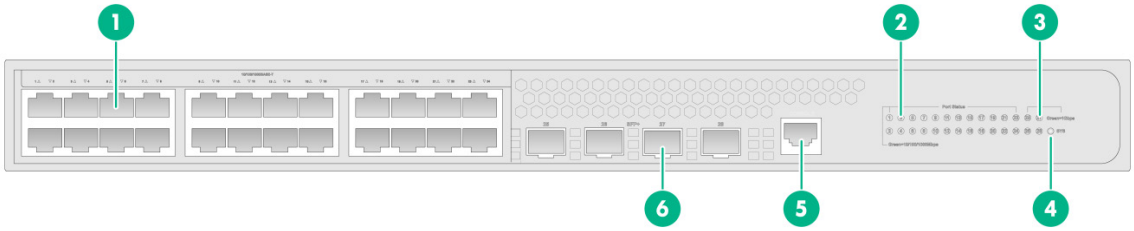
Figure 52 S5120V3-28P-SI rear panel



(1) Grounding screw	(2) AC-input power receptacle

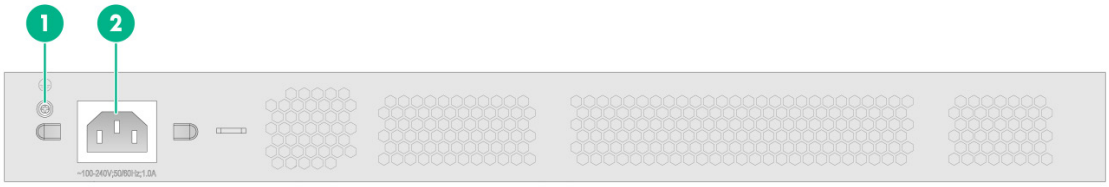
S5120V3-28S-SI

Figure 53 S5120V3-28S-SI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) SFP+ port LED	(4) System status LED (SYS)
(5) Console port	(6) SFP+ port

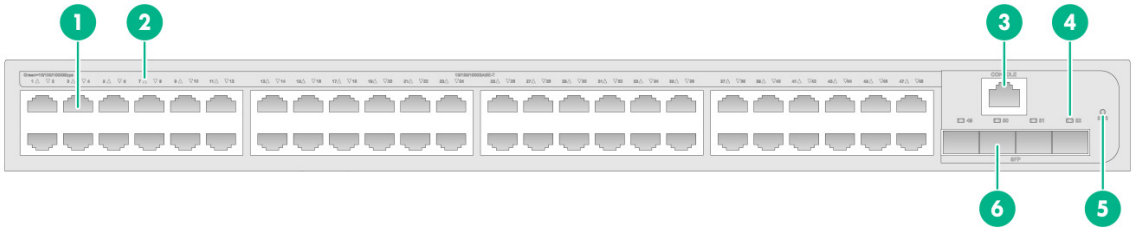
Figure 54 S5120V3-28S-SI rear panel



(1) Grounding screw	(2) AC-input power receptacle

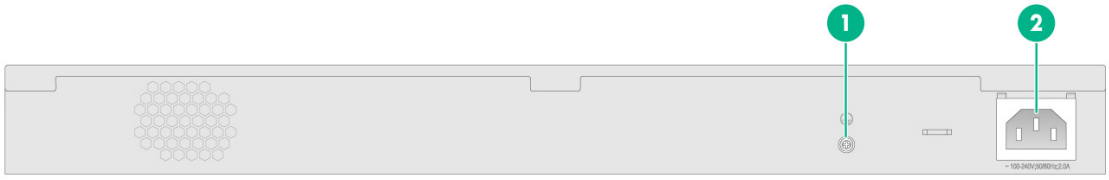
S5120V3-52P-SI

Figure 55 S5120V3-52P-SI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) Console port	(4) SFP port LED
(5) System status LED (SYS)	(6) SFP port

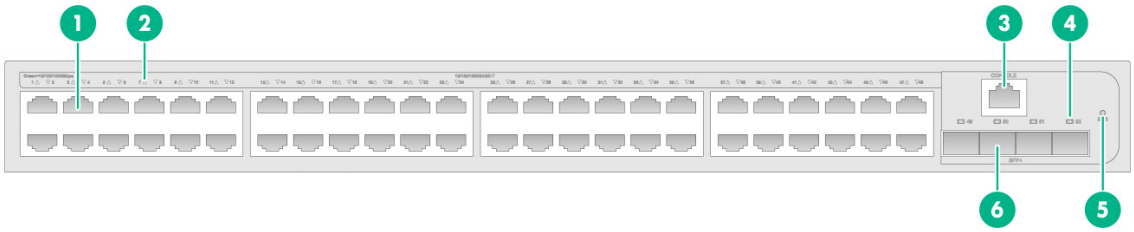
Figure 56 S5120V3-52P-SI rear panel



(1) Grounding screw	(2) AC-input power receptacle

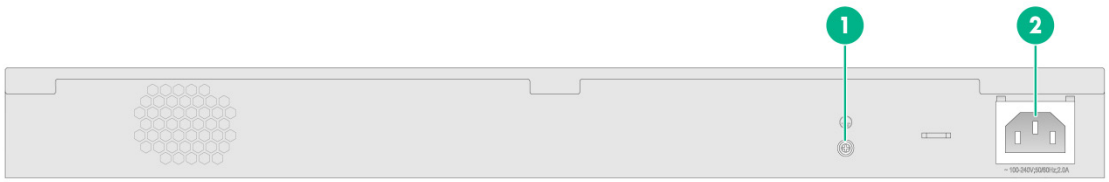
S5120V3-52S-SI

Figure 57 S5120V3-52S-SI front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	
(2) 10/100/1000BASE-T autosensing Ethernet port LED	
(3) Console port	(4) SFP+ port LED
(5) System status LED (SYS)	(6) SFP+ port

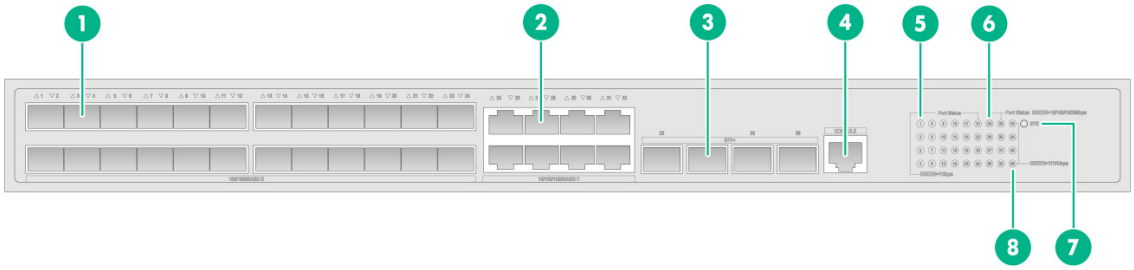
Figure 58 S5120V3-52S-SI rear panel



(1) Grounding screw	(2) AC-input power receptacle

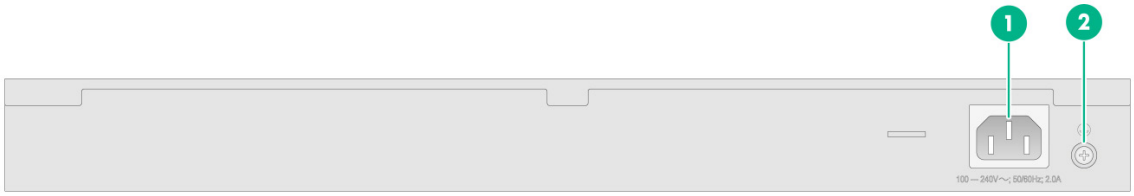
S5120V3-36F-SI

Figure 59 S5120V3-36F-SI front panel



(1) SFP port	(2) 10/100/1000BASE-T autosensing Ethernet port
(3) SFP+ port	(4) Serial console port
(5) SFP port LED	(6) 10/100/1000BASE-T autosensing Ethernet port LED
(7) System status LED	(8) SFP+ port LED

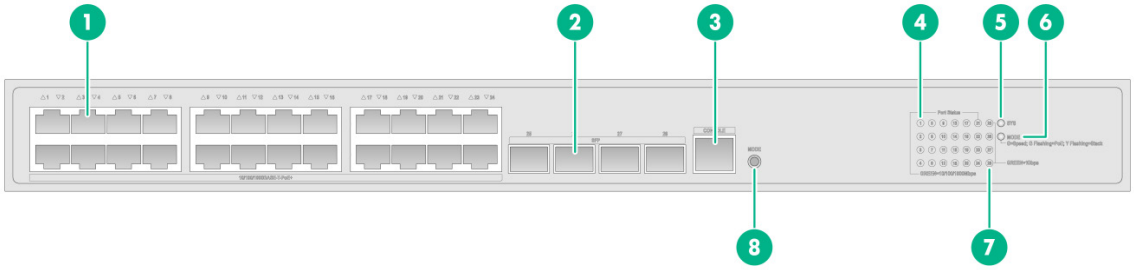
Figure 60 S5120V3-36F-SI rear panel



(1) AC-input power receptacle	(2) Grounding screw

S5120V3-28P-HPWR-SI

Figure 61 S5120V3-28P-HPWR-SI front panel



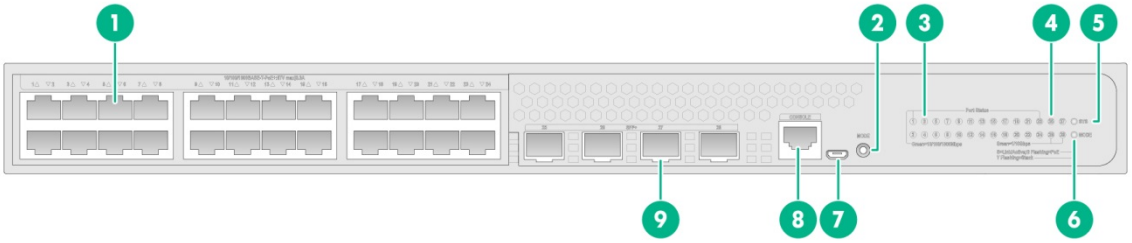
(1) 10/100/1000BASE-T-PoE+ autosensing Ethernet port	
(2) SFP port	(3) Serial console port
(4) 10/100/1000BASE-T PoE+ autosensing Ethernet port LED	
(5) System status LED	(6) Mode LED (MODE)
(7) SFP port LED	(8) Port LED mode switching button

Figure 62 S5120V3-28P-HPWR-SI rear panel

(1) Grounding screw	(2) AC-input power receptacle

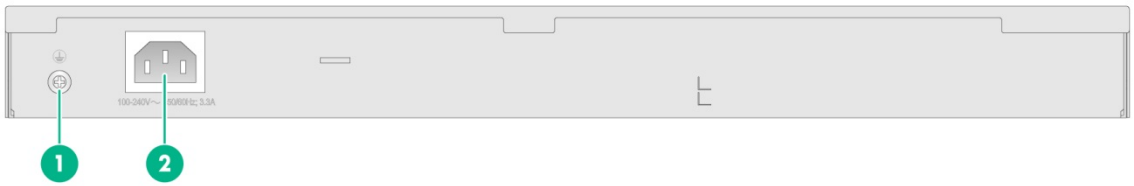
S5120V3-28S-HPWR-SI-Q

Figure 63 S5120V3-28S-HPWR-SI-Q front panel



(1) 10/100/1000BASE-T autosensing Ethernet port	(2) Port LED mode switching button
(3) 10/100/1000BASE-T autosensing Ethernet port LED	(4) SFP+ port LED
(5) System status LED (SYS)	(6) Mode LED (MODE)
(7) Micro USB Console port	(8) Serial console port
(9) SFP+ port	

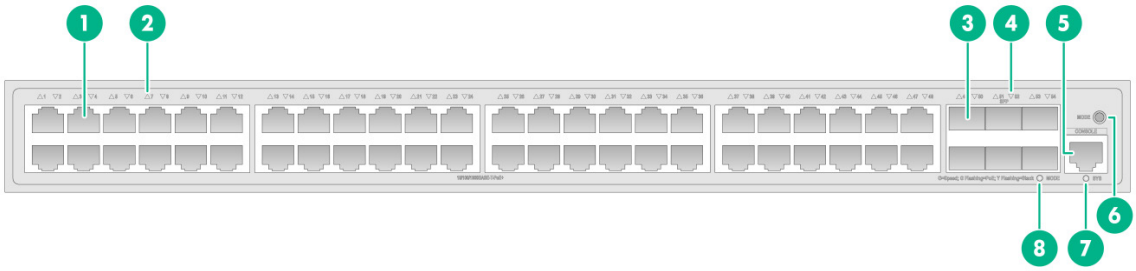
Figure 64 S5120V3-28S-HPWR-SI-Q rear panel



(1) Grounding screw	(2) AC-input power receptacle

S5120V3-54P-PWR-SI

Figure 65 S5120V3-54P-PWR-SI front panel



(1) 10/100/1000BASE-T-PoE+ autosensing Ethernet port	
(2) 10/100/1000BASE-T-PoE+ autosensing Ethernet port LED	
(3) SFP port	(4) SFP port LED
(5) Serial console port	(6) Port LED mode switching button
(7) System status LED	(8) Mode LED (MODE)

Figure 66 S5120V3-54P-PWR-SI rear panel

(1) Grounding screw	(2) AC-input power receptacle

Removable components

Removable components

The S5120V3-30MS-UPWR-DP-EI switch uses the modular design and supports the following removable components.

Table 10 Removable components

Removable component model	S5120V3-30MS-UPWR-DP-EI
Removable power supplies	
PSR360-56A	Supported
PSR720-56A	Supported
PSR1100-56A	Supported
PSR560-56D	Supported

You can install one power supply, or two power supplies for redundancy on the S5120V3-30MS-UPWR-DP-EI switch. Ensure uninterrupted power supply when only one power supply is present. The PoE power capacity of the switch varies by power supply configuration. For more information, see Table 4. The PoE capacity of the switch degrades when a power supply is faulty.

The removable components available for the S5120V3-30MS-UPWR-DP-EI switch are subject to change over time. For the most recent list of removable components for the switch, see the release notes.

NOTE:

To view electronic label information of the S5120V3-30MS-UPWR-DP-EI switch, execute the **`display device manuinfo power`** command.

Removable power supplies

Table 11 Removable power supplies

Power supply	Specifications	Reference
PSR360-56A	• Rated input voltage range: 100 VAC to 240 VAC @ 50 Hz or 60 Hz • Max input voltage range: 90 VAC to 264 VAC @ 47 Hz to 63 Hz • Max output power: 360 W	*H3C PSR360-56A Power Module User Manual*
PSR560-56D	• Rated input voltage range: –48 VDC to –60 VDC • Max input voltage range: –36 VDC to –72 VDC • Max output power: 560 W	*H3C PSR560-56D Power Module User Manual*
PSR720-56A	• Rated input voltage range: 100 VAC to 240 VAC @ 50 Hz or 60 Hz • Max input voltage range: 90 VAC to 264 VAC @ 47 Hz to 63 Hz • Max output power: 720 W	*H3C PSR720-56A Power Module User Manual*

Power supply	Specifications	Reference
PSR1110-56A	• Rated input voltage range: 115 VAC to 240 VAC @ 50 Hz or 60 Hz • Max input voltage range: 102.5 VAC to 264 VAC @ 47 Hz to 63 Hz • Max output power: 1110 W	*H3C PSR1110-56A Power Module User Manual*

NOTE:

A PSR1110-56A power supply including its handle adds 64 mm (2.52 in) to the total depth of the switch.

Ports and LEDs

Ports

Console port

Table 12 Console port specifications

Item	Serial console port	Micro USB console port
Connector type	RJ-45	Micro USB Type B
Compliant standard	EIA/TIA-232	USB 2.0
Transmission baud rate	9600 bps (default) to 115200 bps	
Services	• Provides connection to an ASCII terminal. • Provides connection to the serial port of a local PC running terminal emulation program.	• Provides connection to an ASCII terminal. • Provides connection to the USB port of a local PC running terminal emulation program.
Switch models that provide a console port	All switch models	S5120V3-28P-HPWR-LI-Q S5120V3-28S-HPWR-SI-Q S5120V3-28S-HPWR-LI
Restrictions and guidelines	If you connect both the serial console port and micro USB console port, only the micro USB console port takes effect.	

10/100/1000BASE-T autosensing Ethernet port

Table 13 10/100/1000BASE-T autosensing Ethernet port specifications

Item	Specification
Connector type	RJ-45
Port rate and duplex mode	• 10/100 Mbps, half/full duplex • 1000 Mbps, full duplex
Auto-MDI/MDI-X	Supported
Max transmission distance	100 m (328.08 ft)
Transmission medium	Category-5 (or above) twisted pair cable
Compatible standards	IEEE 802.3i, 802.3u, 802.3ab
Switch models that provide a 10/100/1000BASE-T autosensing Ethernet port	All switch models (except the S5120V3-30MS-UPWR-DP-EI)

2.5G/1000/100BASE-T autosensing Ethernet port

Table 14 2.5G/1000/100BASE-T autosensing Ethernet port specifications

Item	Specification
Connector type	RJ-45
Speed, duplex mode, and MDIX mode	• 1/2.5 Gbps, full duplex, auto-MDI/MDIX • 100 Mbps, full or half duplex, auto-MDI/MDIX
Max transmission distance	• 2.5 Gbps: 100 m (328.08 ft) • 1 Gbps: 140 m (459.32 ft) • 100 Mbps: 200 m (656.17 ft) NOTE: The maximum transmission distance between a PSE and PD depends on the peer device capacity and the twisted pair cable quality.
Available cable	Category-5e or above twisted pair cable
Standards	802.3u, IEEE 802.3ab, 802.3bz
Switch model	S5120V3-30MS-UPWR-DP-EI

1000/100BASE-T Ethernet port

Table 15 1000/100BASE-T Ethernet port specifications

Item	Specification
Connector type	RJ-45
Speed, duplex mode, and MDIX mode	• 100 Mbps, half/full duplex • 1000 Mbps, full duplex • Auto-MDI/MDI-X
Max transmission distance	• 1 Gbps: 140 m (459.32 ft) • 100 Mbps: 200 m (656.17 ft) NOTE: The maximum transmission distance between a PSE and PD depends on the peer device capacity and the twisted pair cable quality.
Transmission medium	Category-5 (or above) twisted pair cable
Standards	IEEE 802.3i, 802.3u, 802.3ab
Switch model	S5120V3-30MS-UPWR-DP-EI

SFP port

Table 16 SFP port specifications

Item	Specification
Available transceiver modules and cables	• FE SFP transceiver modules and cables described in Table 17 (available only for the S5120V3-28P-EI, S5120V3-28F-LI, S5120V3-54P-EI, S5120V3-36F-EI, S5120V3-28P-HPWR-SI, S5120V3-54P-PWR-SI, and S5120V3-36F-SI switch models).

Item	Specification
	• GE SFP transceiver modules and cables described in Table 18.
Switch models	• S5120V3-28P-EI, S5120V3-54P-EI, and S5120V3-36F-EI • S5120V3-10P-LI, S5120V3-20P-LI, S5120V3-28P-LI, S5120V3-52P-LI, S5120V3-28P-PWR-LI, S5120V3-52P-PWR-LI, S5120V3-10P-PWR-LI, S5120V3-12TP-HPWR-LI, S5120V3-28P-HPWR-LI, S5120V3-28S-HPWR-LI, and S5120V3-28P-HPWR-LI-Q • S5120V3-10P-SI, S5120V3-28P-SI, S5120V3-52P-SI, S5120V3-28P-HPWR-SI, S5120V3-54P-PWR-SI, and S5120V3-36F-SI
Restrictions	To use transceiver modules with a maximum transmission distance ≥ 80 km (49.71 miles) on an S5120V3-10P-LI, S5120V3-10P-PWR-LI, S5120V3-10P-SI, or S5120V3-12TP-HPWR-LI switch, make sure the ambient temperature is ≤ 40°C (104°F).

Table 17 FE SFP transceiver modules

FE SFP transceiver module model	Central wavelength	Interface connector	Interface cable	Max transmission distance
SFP-GE/FE-LX10-SM1310	1310 nm	LC	9/125 µm, SMF	10 km (6.21 miles)
SFP-FE-SX-MM1310-A	1310 nm	LC	50/125 µm, MMF	2 km (1.24 miles)
			62.5/125 µm, MMF	
SFP-FE-LX-SM1310-A	1310 nm	LC	9/125 µm, SMF	15 km (9.32 miles)
SFP-FE-LX-SM1310-D	1310 nm	LC	9/125 µm, SMF	15 km (9.32 miles)
SFP-FE-LH40-SM1310	1310 nm	LC	9/125 µm, SMF	40 km (24.86 miles)
SFP-FE-LH80-SM1550	1550 nm	LC	9/125 µm, SMF	80 km (49.71 miles)
SFP-FE-LX-SM1310-BIDI	TX: 1310 nm RX: 1550 nm	LC	9/125 µm, SMF	15 km (9.32 miles)
SFP-FE-LX-SM1550-BIDI	TX: 1550 nm RX: 1310 nm			

IMPORTANT:

The SFP-FE-LX-SM1310-BIDI and SFP-FE-LX-SM1550-BIDI transceiver modules must be used in pairs. For example, if one end uses the SFP-FE-LX-SM1310-BIDI transceiver module, the other end must use the SFP-FE-LX-SM1550-BIDI transceiver module.

Table 18 GE SFP transceiver modules and cables

GE SFP transceiver module model and cable	Central wavelength	Interface connector	Interface cable	Modal bandwidth (MHz*km)	Max transmission distance
SFP transceiver modules					
SFP-GE-T	N/A	RJ-45	Twisted pair cable	N/A	100 m (328.08 ft)
SFP-GE-T-D	N/A	RJ-45	Twisted pair	N/A	100 m (328.08 ft)

GE SFP transceiver module model and cable	Central wavelength	Interface connector	Interface cable	Modal bandwidth (MHz*km)	Max transmission distance
			cable		
SFP-GE-SX-MM850-A	850 nm	LC	50/125 µm, MMF	500	550 m (1804.46 ft)
				400	500 m (1640.42 ft)
			62.5/125 µm, MMF	200	275 m (902.23 ft)
				160	200 m (656.17 ft)
SFP-GE-SX-MM850-D	850 nm	LC	50/125 µm, MMF	500	550 m (1804.46 ft)
				400	500 m (1640.42 ft)
			62.5/125 µm, MMF	200	275 m (902.23 ft)
				160	200 m (656.17 ft)
SFP-GE-LX-SM1310-A	1310 nm	LC	9/125 µm, SMF	N/A	10 km (6.21 miles)
			50/125 µm, MMF	500/400	550 m (1804.46 ft)
			62.5/125 µm, MMF	500	550 m (1804.46 ft)
SFP-GE/FE-LX10-SM1310	1310 nm	LC	9/125 µm, SMF	N/A	10 km (6.21 miles)
SFP-GE-LX-SM1310-D	1310 nm	LC	9/125 µm, SMF	N/A	10 km (6.21 miles)
SFP-GE-LH40-SM1310	1310 nm	LC	9/125 µm, SMF	N/A	40 km (24.86 miles)
SFP-GE-LH40-SM1310-D	1310 nm	LC	9/125 µm, SMF	N/A	40 km (24.86 miles)
SFP-GE-LH40-SM1550	1550 nm	LC	9/125 µm, SMF	N/A	40 km (24.86 miles)
SFP-GE-LH80-SM1550	1550 nm	LC	9/125 µm, SMF	N/A	80 km (49.71 miles)
SFP-GE-LH80-SM1550-D	1550 nm	LC	9/125 µm, SMF	N/A	80 km (49.71 miles)
SFP-GE-LH100-SM1550	1550 nm	LC	9/125 µm, SMF	N/A	100 km (62.14 miles)
SFP-GE-LX-SM1310-BIDI	TX: 1310 nm RX: 1490 nm	LC	9/125 µm, SMF	N/A	10 km (6.21 miles)
SFP-GE-LX-SM1490-BIDI	TX: 149 nm RX: 1310 nm			N/A	
SFP-GE-LH40-SM1310-BIDI	TX: 1310 nm RX: 550 nm	LC	9/125 µm, SMF	N/A	40 km (24.86 miles

GE SFP transceiver module model and cable	Central wavelength	Interface connector	Interface cable	Modal bandwidth (MHz*km)	Max transmission distance
SFP-GE-LH40-SM1550-BIDI	TX: 1550 nm RX: 1310 nm	LC	9/125 µm, SMF	N/A	40 km (24.86 miles
SFP-GE-LH70-SM1490-BIDI	TX: 1490 nm RX: 1550 nm	LC	9/125 µm, SMF	N/A	70 km (43.50 miles)
SFP-GE-LH70-SM1550-BIDI	TX: 1550 nm RX: 490 nm	LC	9/125 µm, SMF	N/A	70 km (43.50 miles)
SFP cables					
SFP-STACK-Kit					1.5 m (4.92 ft)

IMPORTANT:

The SFP-GE-LX-SM1310-BIDI and SFP-GE-LX-SM1490-BIDI transceiver modules, the SFP-GE-LH40-SM1310-BIDI and SFP-GE-LH40-SM1550-BIDI transceiver modules, and the SFP-GE-LH70-SM1490-BIDI and SFP-GE-LH70-SM1550-BIDI transceiver modules must be used in pairs. For example, if one end uses the SFP-GE-LX-SM1310-BIDI transceiver module, the other end must use the SFP-GE-LX-SM1490-BIDI transceiver module.

SFP+ port

Table 19 SFP+ port specifications

Item	Specification
Available transceiver modules and cables	• GE SFP transceiver modules and cables described in Table 18. • 10-GE SFP transceiver modules and cables described in Table 20
Switch models	• All S5120V3-EI switch models (except S5120V3-28P-EI and S5120V3-54P-EI) • S5120V3-28S-LI, S5120V3-52S-LI, S5120V3-28S-PWR-LI, S5120V3-52S-PWR-LI, S5120V3-28S-HPWR-LI, and S5120V3-28F-LI • S5120V3-28S-SI, S5120V3-52S-SI, S5120V3-28S-HPWR-SI-Q, and S5120V3-36F-SI
Restrictions	You can use only a maximum of two 10-GE transceiver modules with a maximum transmission distance of 80 km (49.71 miles) for the S5120V3-EI switch models (except the S5120V3-28P-EI and S5120V3-54P-EI) and the S5120V3-36F-SI switch.

Table 20 10-GE SFP+ transceiver modules and cables

SFP+ transceiver module/cable model	Central wavelength	Interface connector	Interface cable	Modal bandwidth (MHz*km)	Max transmission distance
SFP+ transceiver modules					
SFP-XG-SX-MM850-A	850 nm	LC	50/125 µm, MMF	2000	300 m (984.25 ft)
				500	82 m (269.03 ft)
				400	66 m (216.54 ft)
			62.5/125 µm, MMF	200	33 m (108.27 ft)
				160	26 m (85.30 ft)
SFP-XG-SX-MM850-D	850 nm	LC	50/125 µm, MMF	2000	300 m (984.25 ft)
				500	82 m (269.03 ft)
				400	66 m (216.54 ft)
			62.5/125 µm, MMF	200	33 m (108.27 ft)
				160	26 m (85.30 ft)
SFP-XG-LX-SM1310	1310 nm	LC	9/125 µm, SMF	N/A	10 km (6.21 miles)
SFP-XG-LX-SM1310-D	1310 nm	LC	9/125 µm, SMF	N/A	10 km (6.21 miles)
SFP-XG-LH40-SM1550	1550 nm	LC	9/125 µm, SMF	N/A	40 km (24.86 miles)
SFP-XG-LH40-SM1550-D	1550 nm	LC	9/125 µm, SMF	N/A	40 km (24.86 miles)
SFP-XG-LH80-SM1550	1550 nm	LC	9/125 µm, SMF	N/A	80 km (49.71 miles)
SFP-XG-LH80-SM1550-D	1550 nm	LC	9/125 µm, SMF	N/A	80 km (49.71 miles)
SFP-XG-LX-SM1270-BIDI	TX: 1270 nm RX: 330 nm	LC	9/125 µm, SMF	N/A	10 km (6.21 miles)
SFP-XG-LX-SM1330-BIDI	TX: 1330 nm RX: 1270 nm	LC	9/125 µm, SMF	N/A	10 km (6.21 miles)
SFP-XG-LH40-SM1270-BIDI	TX: 1270 nm RX: 1330 nm	LC	9/125 µm, SMF	N/A	40 km (24.86 miles)
SFP-XG-LH40-SM1330-BIDI	TX: 1330 nm RX: 1270 nm	LC	9/125 µm, SMF	N/A	40 km (24.86 miles)

SFP-XG-LH80-SM1490-BIDI	TX: 1490 nm RX: 1550 nm	LC	9/125 µm, SMF	N/A	80 km (49.71 miles)
SFP-XG-LH80-SM1550-BIDI	TX: 1550 nm RX: 1490 nm	LC	9/125 µm, SMF	N/A	80 km (49.71 miles)
SFP+ AOC cables					
SFP-XG-D-AOC-7M					7 m (22.97 ft)
SFP-XG-D-AOC-10M					10 m (32.81 ft)
SFP-XG-D-AOC-20M					20 m (65.62 ft)
SFP+ copper cables					
LSWM1STK					0.65 m (2.13 ft)
LSWM2STK					1.2 m (3.94 ft)
LSWM3STK					3 m (9.84 ft)

IMPORTANT:

The SFP-XG-LX-SM1270-BIDI and SFP-XG-LX-SM1330-BIDI transceiver modules, SFP-XG-LH40-SM1270-BIDI and SFP-XG-LH40-SM1330-BIDI transceiver modules, and SFP-XG-LH80-SM1490-BIDI and SFP-XG-LH80-SM1550-BIDI transceiver modules must be used in pairs. For example, if one end uses the SFP-XG-LX-SM1270-BIDI transceiver module, the other end must use the SFP-XG-LX-SM1330-BIDI transceiver module.

Figure 67 SFP+ cable

(1) Connector	(2) Pull latch

NOTE:

- As a best practice, use H3C transceiver modules and cables for the switch.
- The H3C transceiver modules and cables are subject to change over time. For the most recent list of H3C transceiver modules and cables, contact your H3C Support or marketing staff.
- For more information about H3C transceiver modules and cables, see *H3C Transceiver Modules User Guide*.

Combo interface

The S5120V3-28P-HPWR-LI and S5120V3-28S-HPWR-LI switches each provide four combo interfaces on the front panel. The S5120V3-12TP-HPWR-LI and S5120V3-28F-LI switches each provide two combo interfaces on the front panel. A combo interface contains an SFP port and a 10/100/1000BASE-T autosensing Ethernet port. Only one of these two ports can operate at a time.

LEDs

System status LED

The system status LED shows the operating status of the switch.

Table 21 System status LED description

LED mark	Status	Description
SYS	Steady yellow	Boot ROM booting stage.
	Steady green	Linux kernel booting stage, or the switch has started up correctly.
	Flashing green (1 Hz)	Software image loading and decompressing stage, or software booting stage.
	Steady red	The switch has failed POST or the switch is faulty.
	Off	The switch is powered off or has not started up correctly.

Power supply status LED

Each removable power supply provides a status LED on the front panel to indicate its operating status.

Table 22 Power supply status LED description

LED mark	Status	Description
PWR1/PWR1	Steady green	A power supply is installed in the power supply slot, and the power supply is outputting power correctly.
	Steady yellow	A power supply is installed in the power supply slot, but the power supply is faulty or no power is being supplied to the power supply.
	Off	No power supply is installed in the power supply slot.

Mode LED (MODE)

To show more information about the switch through the port status LEDs, some switch models provide a MODE LED to indicate the type of information that the port status LEDs are showing.

You can use the mode button to change the indication of the MODE LED.

- For the following switch models, the MODE LED changes in color and indication after you press the mode button and keep that state until you press the mode button again.
  - S5120V3-10P-PWR-LI
  - S5120V3-12TP-HPWR-LI
  - S5120V3-28P-HPWR-LI
  - S5120V3-28S-HPWR-LI
  - S5120V3-28P-PWR-LI
  - S5120V3-28S-PWR-LI
  - S5120V3-52P-PWR-LI
  - S5120V3-52S-PWR-LI
  - S5120V3-28P-HPWR-LI-Q
  - S5120V3-28S-HPWR-SI-Q
- For the following switch models, after you press the mode button for the mode LED to flash green, the mode LED keeps that state for only 60 seconds and then turns steady green automatically.
  - S5120V3-28S-HPWR-EI
  - S5120V3-54S-PWR-EI
  - S5120V3-30MS-UPWR-DP-EI
  - S5120V3-28P-HPWR-SI
  - S5120V3-54P-PWR-SI

Table 23 Description for the MODE LED

LED mark	Status	Description
MODE	Steady green	The port LEDs indicate port link status.
	Flashing green (available only for PoE models)	The port status LEDs indicate the PoE power supply status of the ports.
	Flashing yellow	• **S5120V3-28P-HPWR-SI, S5120V3-54P-PWR-SI, S5120V3-28S-HPWR-EI, S5120V3-54S-PWR-EI, and S5120V3-30MS-UPWR-DP-EI**—The port LEDs indicates the IRF member ID of the switch. For example, if the LEDs for ports 1 to 5 are steady green and the other LEDs are off, the IRF member ID of the switch is 5. • **S5120V3-28P-PWR-LI, S5120V3-28S-PWR-LI, S5120V3-52P-PWR-LI, S5120V3-28S-HPWR-SI-Q, S5120V3-28P-HPWR-LI-Q, S5120V3-10P-PWR-LI, S5120V3-12TP-HPWR-LI, S5120V3-28P-HPWR-LI, S5120V3-28S-HPWR-LI, and S5120V3-52S-PWR-LI**—The port LEDs indicates the IRF member ID of the switch. For example, if the LED for port 5 is steady green and the other LEDs are off, the IRF member ID of the switch is 5.

10/100/1000BASE-T autosensing Ethernet port LED

For switch models that do not provide a port LED mode switching button, see Table 24 for the description for the 10/100/1000BASE-T autosensing Ethernet port LEDs.

Table 24 10/100/1000BASE-T autosensing Ethernet port LED description (1)

LED status	Description
Steady green	A link is present on the port.
Flashing green	The port is sending or receiving data.
Off	No link is present on the port

For switch models that provide a port LED mode switching button, the 10/100/1000BASE-T autosensing Ethernet port LEDs and the mode LED work in conjunction to indicate the operating status of the 10/100/1000BASE-T autosensing Ethernet ports.

Table 25 10/100/1000BASE-T autosensing Ethernet port LED description (2)

Mode LED status	10/100/1000BASE-T autosensing Ethernet port LED status	Description
Steady green (link/active mode)	Steady green	A link is present on the port.
	Flashing green	The port is sending or receiving data.
	Off	No link is present on the port.
Flashing green (PoE mode, available only for PoE models)	Steady green	Normal PoE power supply.
	Flashing green (1 Hz)	• The PD attached to the port requires power higher than the maximum PoE output power of the port. • PoE overvoltage, overcurrent, or short circuit has occurred. • The remaining power of the switch is not sufficient for the PoE output requirement of the port.
	Off	No link is present on the port, or PoE is not enabled on the port.
Flashing yellow (IRF mode)	Steady green	• **S5120V3-28P-HPWR-SI, S5120V3-54P-PWR-SI, S5120V3-28S-HPWR-EI, and S5120V3-54S-PWR-EI**—The port LEDs indicates the IRF member ID of the switch. For example, if the LEDs for ports 1 to 5 are steady green and the other LEDs are off, the IRF member ID of the switch is 5. • **S5120V3-10P-PWR-LI, S5120V3-12TP-HPWR-LI, S5120V3-28P-HPWR-LI, S5120V3-28S-HPWR-LI, S5120V3-28P-PWR-LI, S5120V3-28S-PWR-LI, S5120V3-52P-PWR-LI, S5120V3-52S-PWR-LI, S5120V3-28P-HPWR-LI-Q, and S5120V3-28S-HPWR-SI-Q**—The port LEDs

Mode LED status	10/100/1000BASE-T autosensing Ethernet port LED status	Description
		indicates the IRF member ID of the switch. For example, if the LED for port 5 is steady green and the other LEDs are off, the IRF member ID of the switch is 5.

2.5G/1000/100BASE-T autosensing Ethernet port LED

Table 26 2.5G/1000/100BASE-T autosensing Ethernet port LED description

Mode LED status	2.5G/1000/100BASE-T autosensing Ethernet port LED status	Description
Steady green (link/active mode)	Steady green	A link is present on the port.
	Flashing green	The port is sending or receiving data.
	Off	No link is present on the port.
Flashing green (PoE mode, available only for PoE models)	Steady green	Normal PoE power supply.
	Flashing green (1 Hz)	• The device attached to the port requires power higher than the maximum PoE output power of the port. • PoE overvoltage, overcurrent, or short circuit has occurred. • The remaining power of the switch is not sufficient for the PoE output requirement of the port.
	Off	No link is present on the port, or PoE is not enabled on the port.
Flashing yellow (IRF mode)	Off	

1000/100BASE-T autosensing Ethernet port LED

Table 27 1000/100BASE-T autosensing Ethernet port LED description

Mode LED status	1000/100BASE-T autosensing Ethernet port LED status	Description
Steady green (link/active mode)	Steady green	A link is present on the port.
	Flashing green	The port is sending or receiving data.
	Off	No link is present on the port.
Flashing green (PoE mode)	Steady green	Normal PoE power supply.
	Flashing green (1 Hz)	• The device attached to the port requires power higher than the maximum PoE output power on the port.

Mode LED status	1000/100BASE-T autosensing Ethernet port LED status	Description
		• PoE overvoltage, overcurrent, or short circuit has occurred. • The remaining power of the switch is not sufficient for the PoE output requirement of the port.
	Off	No link is present on the port, or PoE is not enabled on the port.
Flashing yellow (IRF mode)	The port LEDs indicates the IRF member ID of the switch. For example, if the LEDs for ports 1 to 5 are steady green and the other LEDs are off, the IRF member ID of the switch is 5.	

SFP/SFP+ port LED

Table 28 SFP/SFP+ port LED description

Status	Description
Steady green	A link is present on the port.
Flashing green	The port is sending or receiving data.
Off	• No link is present on the port. • The mode LED is operating in IRF mode (available only for switch models with a mode button) • The mode LED is operating in PoE mode (available only for PoE switch models)

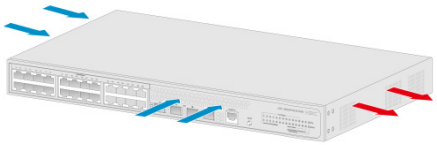
Power input and output status LEDs on the power supplies

The PSR360-56A, PSR560-56D, PSR720-56A, and PSR1110-56A power supplies each provide a power input status LED and power output statue LED to indicate the power input and output status. For more information about the LEDs, see the user guide for the power supply.

Cooling system

The switch uses a high-performance cooling system for fast heat dissipation and system stability. Consider the site ventilation design when you plan the installation site for the switch.

Table 29 Cooling system

Device model	Fan tray type	Airflow direction
All S5120V3-EI switch models S5120V3-36F-SI S5120V3-28P-HPWR-SI S5120V3-54P-PWR-SI S5120V3-52P-PWR-LI S5120V3-52S-PWR-LI	Fixed fan trays	From the left side to the right side The S5120V3-28S-HPWR-EI switch is used as an example: 
S5120V3-28P-PWR-LI S5120V3-28S-PWR-LI S5120V3-28P-HPWR-LI S5120V3-28S-HPWR-LI		From the left and port sides to the right side The S5120V3-28S-HPWR-EI switch is used as an example: 
S5120V3-52P-LI S5120V3-52S-LI S5120V3-52P-SI S5120V3-52S-SI		From the left and right sides to the power supply side
S5120V3-28F-LI		From the right and port sides to the power supply side
S5120V3-10P-LI S5120V3-10P-SI S5120V3-20P-LI S5120V3-28P-LI S5120V3-28S-LI S5120V3-28P-SI S5120V3-28S-SI S5120V3-10P-PWR-LI S5120V3-12TP-HPWR-LI S5120V3-28S-HPWR-SI-Q S5120V3-28P-HPWR-LI-Q	Without fan trays	Passive cooling