

Overview

The S1700 series switches are next-generation energy-saving Ethernet access switches. They provide easy installation and maintenance methods and various service features to help users build secure, reliable, and high-performance networks. The S1700 series switches can be widely used in Ethernet access scenarios such as small- and medium-sized enterprises, Internet cafes, hotels, and schools.

Quick Specification

Table 1 shows the quick specification.

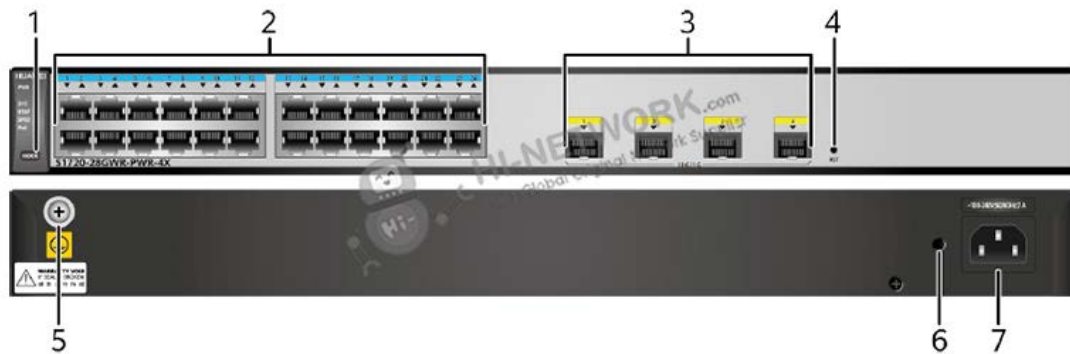
Model	S1720-28GWR-PWR-4X
Part Number	98010599
First supported version	V200R010C00
Description	S1720-28GWR-PWR-4X (24 Ethernet 10/100/1000 ports, 4 10 Gig SFP+, PoE+, 370W POE AC 110/220V)
Memory	512 MB
Flash memory	512 MB in total. To view the available flash memory size, run the display version command.
Typical power consumption	26.0 W
Typical heat dissipation	88.71 BTU/hour

Figure 1 shows the appearance of S1720-28GWR-PWR-4X.



Product Details

Figure 2 shows the structure of S1720-28GWR-PWR-4X.



Note:

(1)	Mode switching button	(5)	Ground screw
(2)	Twenty-four PoE+ 10/100/1000BASE-T ports	(6)	Jack reserved for AC power cable locking strap
(3)	Four 10GE SFP+ Ethernet ports	(7)	AC power socket
(4)	Reset button		

Get More Information

Do you have any question about the S1720-28GWR-PWR-4X (98010599)?

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

Specification

S1720-28GWR-PWR-4X Datasheet	
Model	S1720-28GWR-PWR-4X
Part Number	98010599
First supported version	V200R010C00
Description	S1720-28GWR-PWR-4X (24 Ethernet 10/100/1000 ports, 4 10 Gig SFP+, PoE+, 370W POE AC 110/220V)
Dimensions without packaging (H x W x D) [mm(in.)]	Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 442.0 mm x 314.8 mm (1.72 in. x 17.4 in. x 12.39 in.) Maximum dimensions (the depth is the distance from ports on the front panel to the parts protruding from the rear panel): 43.6 mm x 442.0 mm x



	323.8 mm (1.72 in. x 17.4 in. x 12.75 in.)
Chassis height [U]	1
Chassis material	Metal
Weight with packaging [kg(lb)]	5.2
Typical power consumption [W]	29.5
Typical heat dissipation [BTU/hour]	100.66
Maximum power consumption [W]	- Without PoE: 42.7 W - 100% PoE loads: 448.5 W (PoE: 369.6 W)
Maximum heat dissipation [BTU/hour]	- Not providing the PoE function: 145.7 - 100% PoE loads: 1530.33
Static power consumption	18.6
MTBF [years]	41
MTTR [hours]	2
Availability	> 0.99999
Noise at normal temperature (acoustic power) [dB(A)]	49.1
Noise at normal temperature (acoustic pressure) [dB(A)]	44.2
Number of card slots	0
Number of power slots	0
Number of fans modules	2
Redundant power supply	Not supported
Long-term operating temperature [°C(°F)]	0°C to 45°C (32°F to 113°F) at an altitude of 0-1800 m (0-5906 ft.)
Short-term operating temperature [°C(°F)]	-5°C to +55°C (23°F to 131°F) at an altitude of 0-1800 m (0-5906 ft.)
Restriction on the operating temperature variation rate [°C(°F)]	<p>When the altitude is 1800-5000 m (5906-16404 ft.), the highest operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 220 m (722 ft.).</p> <p>The equipment can operate beyond the normal operating temperature range for a short-term period, but the following conditions must be met:</p> <ul style="list-style-type: none"> - The equipment operates at a temperature of over 45°C (113°F) consecutively for at most 96 hours in one year. - The equipment operates at a temperature of over 45°C (113°F) for a total of no more than 360 hours in one year. - The equipment operates at a temperature of over 45°C (113°F) for no more in 15 times in one year. <p>The equipment may be damaged or experience unexpected exceptions if any of the preceding limits is exceeded.</p> <p>The equipment cannot start when the temperature is lower than 0°C (32°F).</p> <p>The maximum distance of optical modules used in these conditions cannot exceed 10 km.</p> <p>The equipment can operate beyond the normal operating temperature range</p>





	for a short-term period, but the following conditions must be met:
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% to 95%, noncondensing
Long-term operating altitude [m(ft.)]	0-5000 m (0-16404 ft.)
Storage altitude [m(ft.)]	0-5000 m (0-16404 ft.)
Power supply mode	AC built-in
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz
Input voltage range [V]	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum input current [A]	7.0 A
Memory	512 MB
Flash memory	512 MB in total. To view the available flash memory size, run the display version command.
Console port	Not supported
Eth Management port	Not supported
USB	Not supported
RTC	Not supported
RPS input	Not supported
Service port surge protection [kV]	Common mode: ±7 kV
Power supply surge protection [kV]	±6 kV in differential mode, ±6 kV in common mode
Ingress protection level (dustproof/waterproof)	IP20
Types of fans	Built-in
Heat dissipation mode	Heat dissipation with fan, intelligent fan speed adjustment
Airflow direction	Air intake from left, air exhaustion from right
PoE	Supported
Certification	EMC certification Safety certification Manufacturing certification





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