

## Overview

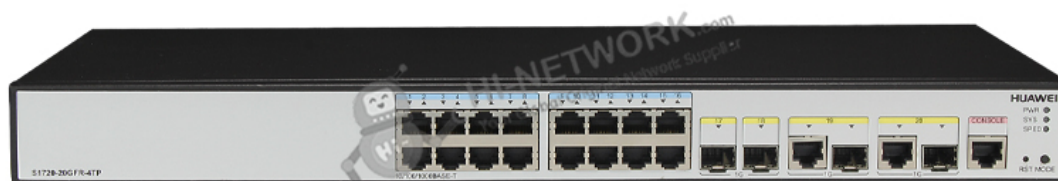
Huawei S1720-20GFR-4TP is a Web/SNMP-based switch. It's one of the S1700 Series Enterprise Switches which are easy to install and maintain, and are ideal for small- and medium-size enterprises, Internet cafes, hotels, and schools.

## Quick Specification

Table 1 shows the quick specification.

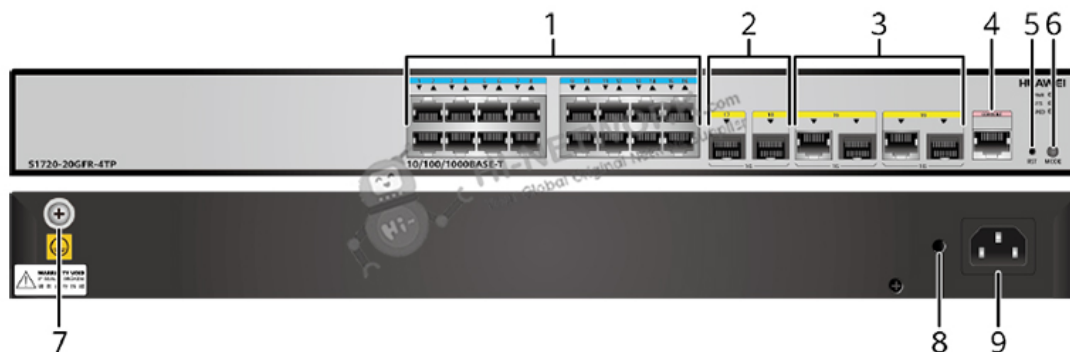
Model	S1720-20GFR-4TP
Part Number	98010545
First supported version	V200R006C10
Description	S1720-20GFR-4TP (16 Ethernet 10/100/1000 ports, 2 Gig SFP and 2 dual-purpose 10/100/1000 or SFP, AC 110/220V)
Memory	256 MB
Flash memory	200 MB
Operating temperature	0°C to 45°C (32°F to 113°F) at an altitude of 0-1800 m (0-5906 ft.) NOTE: 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.).
Relative humidity	5% to 95%, noncondensing

Figure 1 shows the appearance of S1720-20GFR-4TP.



## Product Details

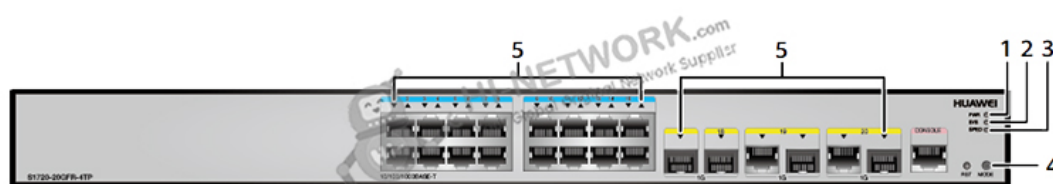
Figure 2 shows the structure of S1720-20GFR-4TP.



Note:

(1)	Sixteen 10/100/1000BASE-T ports	(6)	Mode switching button
(2)	Two 1000BASE-X Ethernet ports	(7)	Ground screw
(3)	Two combo ports (10/100/1000BASE-T + 100/1000BASE-X)	(8)	Jack reserved for AC power cable locking strap
(4)	One console port	(9)	AC power socket
(5)	Reset button		

Figure 3 shows the front indicators of S1720-20GFR-4TP.



Note:

No.	Indicator	Name	Color	Status	Description
1	PWR	Power indicator	-	Off	The switch is powered off.
			Green	Steady on	The system power supply is normal.
			Yellow or red	Steady on	The built-in power module has failed.
2	SYS	System status	-	Off	The system is not running.
			Green	Fast blinking	The system is starting.



		indicator	Green	Slow blinking	The system is running normally.
			Red	Steady on	The system does not work normally after registration, or a temperature alarm has been generated.
3	SPED	Speed indicator	-	Off	The speed mode is not selected.
			Green	Steady on	The service port indicators show the port speeds. After 45 seconds, the service port indicators automatically restore to the status mode.
4	MODE	Mode switching button	-	-	<p>When you press this button once, the service port indicators change to the speed mode and show the speed of each service port.</p> <p>When you press this button again, the service port indicators restore to the default mode and show the connection status of each service port.</p> <p>If you do not press this button within 45 seconds, the service port indicators restore to the default mode. In this case, the SPED indicator is off.</p>
5	-	Service port indicator	Meanings of service port indicators vary in different modes.		

**Table 2 shows the description of service port indicators in different modes.**

Display Mode	Color	Status	Description
Status	-	Off	The port is not connected or has been shut down.
	Green	Steady on	A link has been established on the port.
	Green	Blinking	The port is sending or receiving data.
Speed	-	Off	The port is not connected or has been shut down.
	Green	Steady on	The port is operating at 10/100 Mbit/s.
	Green	Blinking	The port is operating at 1000 Mbit/s.

## The Optical Transceiver

**Table 3 shows the recommended optical transceivers for 1720-20GFR-4TP.**

Models	Description
SFP-FE-SX-MM1310	Optical Transceiver, SFP, 100M/155M, Multi-mode Module (1310nm, 2km, LC)





eSFP-FE-LX-SM1310	Optical Transceiver, eSFP, 100M/155M, Single-mode Module (1310nm, 15km, LC)
S-SFP-FE-LH40-SM1310	Optical Transceiver, eSFP, FE, Single-mode Module (1310nm, 40km, LC)
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 Item

Table 4 shows the comparison between S1720-20GFR-4TP and S1720-28GFR-4TP.

Model	S1720-20GFR-4TP	S1720-28GFR-4TP
Downlink Ports	16 Ethernet 10/100/1,000 ports	24 Ethernet 10/100/1,000 ports
Uplink Ports	2 Gig SFP and 2 dual-purpose 10/100/1,000 or SFP	2 Gig SFP and 2 dual-purpose 10/100/1,000 or SFP
Forwarding Performance	30 Mpps	42 Mpps
Switching Capacity	128 Gbit/s	128 Gbit/s

## Get More Information

Do you have any question about the S1720-20GFR-4TP (98010545)?

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

## Specification

S1720-20GFR-4TP Datasheet	
Model	S1720-20GFR-4TP
Part Number	98010545
Description	S1720-20GFR-4TP (16 Ethernet 10/100/1000 ports, 2 Gig SFP and 2 dual-purpose 10/100/1000 or SFP, AC 110/220V)
Memory (RAM)	256 MB
Flash	200 MB
Mean time between failures (MTBF)	67 years





Mean time to repair (MTTR)	2 hours
Availability	> 0.99999
Service port surge protection	Common mode: $\pm 6$ kV
Power supply surge protection	$\pm 6$ kV in differential mode, $\pm 6$ kV in common mode
Dimensions (H x W x D)	43.6 mm x 442.0 mm x 220.0 mm (1.72 in. x 17.4 in. x 8.7 in.)
Weight (including packaging)	3.5 kg (7.72 lb)
Stack ports	Not supported
RTC	Not supported
RPS	Not supported
PoE	Not supported
Rated voltage range	100 V AC to 240 V AC, 50/60 Hz
Maximum voltage range	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum power consumption (100% throughput)	20.7 W
Operating temperature	0°C to 45°C (32°F to 113°F) at an altitude of 0-1800 m (0-5906 ft.) NOTE: 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.).
Storage temperature	-40°C to +70°C (-40°F to +158°F)
Noise under normal temperature (27°C, sound power)	Noise-free (no fans)
Relative humidity	5% to 95%, noncondensing
Operating altitude	0-5000 m (0-16404 ft.)
Certification	EMC certification Safety certification Manufacturing certification

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Datasheet

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