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Overview

The Huawei S1700-24-AC unmanaged enterprise switch is part of Huawei S1700 series of next-generation energy-saving Ethernet access switches. The S1700-24-AC has several features that help it reduce its power consumption including a fan-free design which reduce the power consumption and noise. The S1700-24-AC uses high-performance hardware, which offers a wide array of features to help customers build secure, reliable, high-performance networks. Like all Huawei S1700 switches, this model provides Layer 2 wire-speed forwarding capabilities to ensure non-blocking packet. The MAC address table supports up to 8 thousand MAC addresses, making it easy to expand networks and deploy new services.

Quick Specs

Figure 1 shows the appearance of S1700-24-AC.

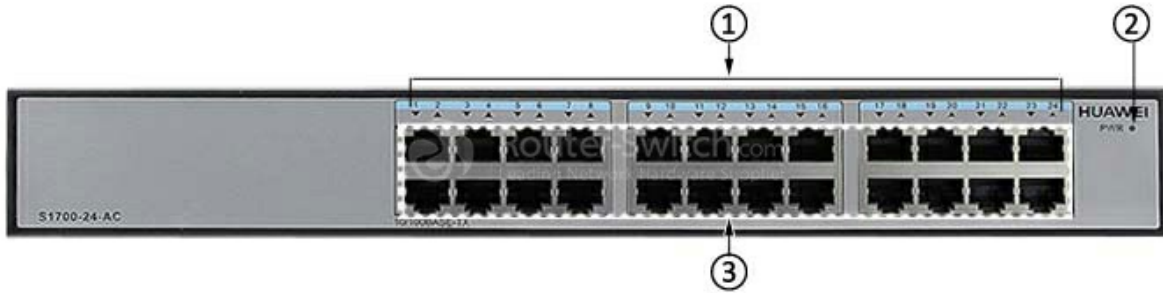


Table 1 shows the Quick Specs.

Product Code	S1700-24-AC
Device Type	Unmanaged
Forwarding performance	3.6 Mpps
Switching capacity	4.8 Gbit/s
Power supply	AC power supply
Downlink Ports	24 Ethernet 10/100 ports
Uplink Ports	Shared with downlink ports
MAC Address Table	8K MAC
Dimensions in mm (W x D x H)	320 x 208 x 43.6
Input Voltage	Rated AC power: 100V to 240V; 50 Hz/60 Hz Maximum AC voltage: 90V to 264V; 47 Hz/63 Hz
EEE	NA
Power Consumption	< 3.9W
Humidity (non-condensing)	5% to 95%

Product Details

Figure 2 shows the front panel of S1700-24-AC.



(1)	Ethernet electrical port indicators
(2)	Power indicator
(3)	Twenty-four 10/100BASE-TX ports

Table 2 shows the LED Indicators description.

Indicator	Status	Description
Power indicator	Steady green	The switch is powered on
	Off	The switch is powered off.
Ethernet electrical port indicator	Steady green	The port is connected at the rate of 10/100 Mbit/s.
	Blinking green	The port is transmitting data.
	Off	The port is not connected.

Figure 3 shows the back panel of S1700-24-AC.



Note:

(1)	Ground screw
(2)	Jack reserved for AC terminal locking latch
(3)	AC power jack

The Modules

Table 3 shows the recommended elements for the S1700-24-AC.

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

Compare to Similar Items

Table 4 shows the comparison of S1700-24-AC, S1700-52R-2T2P-AC and S1700-16G.

Model	S1700-24-AC	S1700-52R-2T2P-AC	S1700-16G
Downlink Ports	24 Ethernet 10/100 ports	48 Ethernet 10/100 ports	16 Ethernet 10/100/1,000 ports
Uplink Ports	Shared with downlink ports	2 Ethernet 10/100/1,000 ports and 2 Gig SFP	Shared with downlink ports
MAC Address Table	8K MAC	8K MAC	8K MAC
Dimensions in mm (W x D x H)	320 x 208 x 43.6	442 x 220 x 43.6	320 x 208 x 43.6
Input Voltage	Rated AC power: 100V to 240V; 50 Hz/60 Hz Maximum AC voltage: 90V to 264V; 47 Hz/63 Hz	Rated AC power: 100V to 240V; 50 Hz/60 Hz Maximum AC voltage: 90V to 264V; 47 Hz/63 Hz	Rated AC power: 100V to 240V; 50 Hz/60 Hz Maximum AC voltage: 90V to 264V; 47 Hz/63 Hz
Power Consumption	< 3.9W	< 22.6W	< 10W

Get more information

Do you have any question about the S1700-24-AC?

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Specification

S1700-24-AC Specification	
Type	Unmanaged Switch
Downlink port	Twenty-four 10/100 M electrical ports
Uplink port	Shared with downlink ports
Packet forwarding rate	3.6 Mpps

Switching capacity	4.8 Gbit/s
MAC address table	8 K MAC
EEE	Not supported
Maintenance	Maintenance-free Switch
Power supply	AC: Rated voltage: 100 V to 240 V, 50/60 Hz Maximum voltage: 90 V to 264 V, 50/60 Hz
Input voltage	100 V to 240 V AC,50/60 Hz
Operating environment	Operating temperature: 0°C to 45°C (long term); -5°C to 50°C (short term)
Humidity(noncondensing)	20% to 85%
Storage humidity(noncondensing)	10% to 90%
Heat dissipation	natural heat dissipation
Dimensions: width x depth x height	320*208*43.6mm
Weight	<5 kg
Power consumption	<10W

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