Overview

Based on the next-generation high-performance hardware and Huawei's unified software platform, the CloudEngine S5735-L-V2 series switches feature flexible Ethernet networking, various security control methods, and easy O&M.

These switches support multiple Layer 3 routing protocols, provide higher performance, and offer more service processing capabilities, making them ideal for various industries, such as healthcare, retail, mining, and Internet.

Quick Specification

Table 1 shows the Quick Specification.

Model	S5735-L48LP4XE-A-V2
Part Number	98012052/98012052-001
Description	S5735-L48LP4XE-A-V2 (48*10/100/1000BASE-T ports, 4*10GE SFP+ ports, 2*12GE stack ports, PoE+, built-in AC power)
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 220.0 mm (1.72 in. x 17.4 in. x 8.66 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 227.0 mm (1.72 in. x 17.4 in. x 8.94 in.)
Weight with packaging [kg(lb)]	3.25 kg (7.16 lb)
Typical power consumption [W]	49.81 W
Maximum power consumption [W]	Without PoE: 65.70 W Full PoE load: 464.80 W (PoE: 380 W)
Memory	2 GB
Flash memory	Physical space: 1 GB
PoE	Supported

Figure 1 shows the appearance of S5735-L48LP4XE-A-V2.

Get More Information

Do you have any question about the S5735-L48LP4XE-A-V2 (98012052/98012052-001)?

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

Specification

S5735-L48LP4XE-A-V2 Specification	
Model	S5735-L48LP4XE-A-V2
Part Number	98012052/98012052-001
Description	S5735-L48LP4XE-A-V2 (48*10/100/1000BASE-T ports, 4*10GE SFP+ ports, 2*12GE stack ports, PoE+, built-in AC power)
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 220.0 mm (1.72 in. x 17.4 in. x 8.66 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 227.0 mm (1.72 in. x 17.4 in. x 8.94 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	90.0 mm x 550.0 mm x 360.0 mm (3.54 in. x 21.65 in. x 14.17 in.)
Chassis height [U]	1 U
Weight without packaging [kg(lb)]	3.25 kg (7.16 lb)
Weight with packaging [kg(lb)]	4.30 kg (9.48 lb)
Typical power consumption [W]	49.81 W
Typical heat dissipation [BTU/hour]	169.96 BTU/hour
Maximum power consumption [W]	Without PoE: 65.70 W Full PoE load: 464.80 W (PoE: 380 W)
Maximum heat dissipation [BTU/hour]	Without PoE: 224.17 Full PoE load: 1585.94
Static power consumption [W]	32.09 W
MTBF [years]	48.01 years
MTTR [hours]	2 hours
Availability	> 0.99999
Noise at normal temperature (acoustic power) [dB(A)]	49.3 dB(A)
Noise at normal temperature (acoustic pressure) [dB(A)]	37.3 dB(A)
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)]	-5°C to +50°C (23°F to 122°F) at an altitude of 0-1800 m (0-5905.44 ft.)
Restriction on the operating temperature variation rate [°C(°F)]	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.). Devices cannot start when the temperature is lower than 0°C (32°F). The operating temperature ranges from –5°C (23°F) to +45°C (113°F) when optical modules with transmission distances greater than or equal to 60 km are used.
Storage temperature [°C(°F)]	–40°C to +70°C (–40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH (non-condensing)
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]	AC input: 100 V AC to 240 V AC, 50/60 Hz High-voltage DC input: 240 V DC
Input voltage range [V]	AC input: 90 V AC to 290 V AC; 45 Hz to 65 Hz High-voltage DC input: 190 V DC to 290 V DC
Maximum input current [A]	6 A
Memory	2 GB
Flash memory	Physical space: 1 GB
Console port	RJ45
Eth Management port	Not supported
USB	Supported
RTC	Not supported
RPS input	Not supported
Service port surge protection [kV]	Common mode: ±1 kV
Power supply surge protection [kV]	Differential mode: ±6 kV; common mode: ±6 kV
Ingress protection level (dustproof/waterproof)	IP20
Types of fans	Built-in
Heat dissipation mode	Air cooling for heat dissipation, intelligent fan speed adjustment
Airflow direction	Air intake from left and air exhaust from right
PoE	Supported
Certification	EMC certification Safety certification Manufacturing certification

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