



Technical Specifications

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Physical Specifications

Physical Dimensions	
Weight	<ul style="list-style-type: none">• 6.04 lbs (2.74 kg) (Cisco Catalyst 2960L-SM-24TS)• 7.41 lbs (3.36 kg) (Cisco Catalyst 2960L-SM-24PS)• 6.57 lbs (2.98 kg) (Cisco Catalyst 2960L-SM-48TS)• 10.08 lbs (4.57 kg) (Cisco Catalyst 2960L-SM-48PS)• 6.06 lbs (2.75 kg) (Cisco Catalyst 2960L-SM-24TQ)• 7.39 lbs (3.35 kg) (Cisco Catalyst 2960L-SM-24PQ)• 6.68 lbs (3.03 kg) (Cisco Catalyst 2960L-SM-48TQ)• 10.01 lbs (4.54 kg) (Cisco Catalyst 2960L-SM-48PQ)

Dimensions (H x D x W)	<ul style="list-style-type: none"> • 1.73 x 9.45 x 17.5 in. (4.4 x 24 x 44.5 cm) (Cisco Catalyst 2960L-SM-24TS) • 1.73 x 10.45 x 17.5 in. (4.4 x 26.5 x 44.5 cm) (Cisco Catalyst 2960L-SM-24PS) • 1.73 x 9.45 x 17.5 in. (4.4 x 24 x 44.5 cm) (Cisco Catalyst 2960L-SM-48TS) • 1.73 x 11.5 x 17.5 in. (4.4 x 29.2 x 44.5 cm) (Cisco Catalyst 2960L-SM-48PS) • 1.73 x 9.45 x 17.5 in. (4.4 x 24 x 44.5 cm) (Cisco Catalyst 2960L-SM-24TQ) • 1.73 x 10.45 x 17.5 in. (4.4 x 26.5 x 44.5 cm) (Cisco Catalyst 2960L-SM-24PQ) • 1.73 x 9.45 x 17.5 in. (4.4 x 24 x 44.5 cm) (Cisco Catalyst 2960L-SM-48TQ) • 1.73 x 11.5 x 17.5 in. (4.4 x 29.2 x 44.5 cm) (Cisco Catalyst 2960L-SM-48PQ)
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Environmental Specifications

Environmental Ranges	
Operating temperature 1	23 to 113°F (–5 to 45°C) up to 5,000 ft (1500 m) 23 to 104°F (–5 to 40°C) up to 10,000 ft (3000 m)
Storage temperature	–13° to 158°F (–25° to 70°C) up to 15,000 ft (4500 m)
Operating relative humidity	5% to 90% (noncondensing) at 40°C
Storage relative humidity	5% to 95% (noncondensing) at 65°C
Storage altitude	Up to 15,000 ft (4500 m)

¹ Minimum ambient temperature for cold start is 32°F (0°C)

- When using Cisco Catalyst 2960L-SM-24TS, Cisco Catalyst 2960L-SM-24PS and Cisco Catalyst 2960L-SM-48TS switches with GLC-T SFP module, the thermal limitations are as follows:
 - Up to 5000 feet, the operating temperature should not exceed 40°C.
 - Up to 10000 feet, the operating temperature should not exceed 35°C.
- When using Catalyst 2960L-SM-24TQ, Catalyst 2960L-SM-24PQ and Catalyst 2960L-SM-48TQ with SFP-10G-ER or SFP-10G-ER-S SFP+ module, the thermal limitations are as follows:
 - Up to 5000 feet, the operating temperature should not exceed 40°C.
 - Up to 10000 feet, the operating temperature should not exceed 35°C.

Power Requirements

Power Requirements	
AC input voltage	<p>110 to 220 VAC (autoranging)</p> <ul style="list-style-type: none"> • 0.2 to 0.33 A, 50 to 60 Hz (Cisco Catalyst 2960L-SM-24TS) • 0.21 to 0.26 A, 50 to 60 Hz (Cisco Catalyst 2960L-SM-24PS) • 0.29 to 0.48 A, 50 to 60 Hz (Cisco Catalyst 2960L-SM-48TS) • 0.37 to 0.64 A, 50 to 60 Hz (Cisco Catalyst 2960L-SM-48PS) • 0.2 to 0.33 A, 50 to 60 Hz (Cisco Catalyst 2960L-SM-24TQ) • 0.21 to 0.26 A, 50 to 60 Hz (Cisco Catalyst 2960L-SM-24PQ) • 0.29 to 0.48 A, 50 to 60 Hz (Cisco Catalyst 2960L-SM-48TQ) • 0.37 to 0.64 A, 50 to 60 Hz (Cisco Catalyst 2960L-SM-48PQ)
Power rating	<ul style="list-style-type: none"> • 0.06 KVA (Cisco Catalyst 2960L-SM-24TS) • 0.24 KVA (Cisco Catalyst 2960L-SM-24PS) • 0.09 KVA (Cisco Catalyst 2960L-SM-48TS) • 0.48 KVA (Cisco Catalyst 2960L-SM-48PS) • 0.06 KVA (Cisco Catalyst 2960L-SM-24TQ) • 0.24 KVA (Cisco Catalyst 2960L-SM-24PQ) • 0.09 KVA (Cisco Catalyst 2960L-SM-48TQ) • 0.48 KVA (Cisco Catalyst 2960L-SM-48PQ)

PoE Power Consumption

Switch	Consumption without PoE	Consumption with PoE	Available PoE	(Maximum Power Wattage for BTU/hr)
Cisco Catalyst 2960L-SM-24TS	26W	NA	NA	24.11
Cisco Catalyst 2960L-SM-24PS	33W	246W	195W	233.71
Cisco Catalyst 2960L-SM-48TS	44W	NA	NA	44.1
Cisco Catalyst 2960L-SM-48PS	63W	472W	370W	465.8
(Cisco Catalyst 2960L-SM-24TQ)	27W	NA	NA	26.5
(Cisco Catalyst 2960L-SM-24PQ)	34W	247W	195W	234.2
(Cisco Catalyst 2960L-SM-48TQ)	45W	NA	NA	45
(Cisco Catalyst 2960L-SM-48PQ)	64W	472W	370W	466