



# APPENDIX **A**

## Technical Specifications

**Table A-1** *Environmental and Physical Specifications for the Catalyst 3560-C and 2960-C Switches*

<b>Environmental Ranges</b>	
Operating temperature	
Catalyst 2960CPD-8TT-L	23 to 113°F (–5 to 45°C) up to 5000 ft (1524 m)
Catalyst 2960CPD-8PT-L	
Catalyst 2960C-8TC-L	
Catalyst 2960C-8TC-S	
Catalyst 2960C-8PC-L	
Catalyst 2960C-12PC-L	
Catalyst 3560C-8PC-S	
Catalyst 3560C-12PC-S	
Catalyst 2960CG-8TC-L	23 to 104°F (–5 to 40°C) up to 5000 ft (1524 m)
Catalyst 3560CG-8PC-S	
Catalyst 3560CG-8TC-S	
Catalyst 3560CPD-8PT-S	
Storage temperature	–22 to 158°F (–30 to 70°C) up to 15,000 ft (4573 m)
Relative humidity	5 to 95% (noncondensing)
Operating altitude	Up to 10,000 ft (3049 m)
Storage altitude	Up to 15,000 ft (4570 m)

**Table A-1 Environmental and Physical Specifications for the Catalyst 3560-C and 2960-C Switches**

<b>Environmental Ranges</b>	
<b>Physical Specifications</b>	
<b>Weight</b>	
Catalyst 2960CPD-8TT-L	2.4 lb (1.08 kg)
Catalyst 2960CPD-8PT-L	2.4 lb (1.08 kg)
Catalyst 2960CG-8TC-L	3.0 lb (1.35 kg)
Catalyst 2960C-8TC-L	2.8 lb (1.27 kg)
Catalyst 2960C-8TC-S	2.8 lb (1.27 kg)
Catalyst 2960C-8PC-L	4.1 lb (1.86 kg)
Catalyst 2960C-12PC-L	4.1 lb (1.86 kg)
Catalyst 3560CG-8PC-S	4.3 lb (1.92 kg)
Catalyst 3560CG-8TC-S	3.0 lb (1.35 kg)
Catalyst 3560CPD-8PT-S	3.3 lb (1.50 kg)
Catalyst 3560C-8PC-S	4.1 lb (1.86 kg)
Catalyst 3560C-12PC-S	4.1 lb (1.86 kg)
<b>Dimensions (H x D x W)</b>	
Catalyst 2960CPD-8TT-L	1.75 x 6.8 x 10.6 in. (4.4 x 17.2 x 26.9 cm)
Catalyst 2960CPD-8PT-L	1.75 x 6.8 x 10.6 in. (4.4 x 17.2 x 26.9 cm)
Catalyst 2960CG-8TC-L	1.75 x 8.4 x 10.6 in. (4.4 x 21.3 x 26.9 cm)
Catalyst 2960C-8TC-L	1.75 x 8.4 x 10.6 in. (4.4 x 21.3 x 26.9 cm)
Catalyst 2960C-8TC-S	1.75 x 8.4 x 10.6 in. (4.4 x 21.3 x 26.9 cm)
Catalyst 2960C-8PC-L	1.75 x 9.4 x 10.6 in. (4.4 x 23.8 x 26.9 cm)
Catalyst 2960C-12PC-L	1.75 x 9.4 x 10.6 in. (4.4 x 23.8 x 26.9 cm)
Catalyst 3560CG-8PC-S	1.75 x 9.4 x 10.6 in. (4.4 x 23.9 x 26.9 cm)
Catalyst 3560CG-8TC-S	1.75 x 8.4 x 10.6 in. (4.4 x 21.3 x 26.9 cm)
Catalyst 3560CPD-8PT-S	1.75 x 7.6 x 10.6 in. (4.4 x 19.4 x 26.9 cm)
Catalyst 3560C-8PC-S	1.75 x 9.4 x 10.6 in. (4.4 x 23.8 x 26.9 cm)
Catalyst 3560C-12PC-S	1.75 x 9.4 x 10.6 in. (4.4 x 23.8 x 26.9 cm)

**Table A-2 Catalyst 3560-C and 2960-C Switch Specifications**

<b>Power Requirements</b>	
AC input voltage	100 to 240 VAC (autoranging) <ul style="list-style-type: none"> <li>• Catalyst 2960CPD-8TT-L: 0.2 to 0.13 A, 50 to 60 Hz</li> <li>• Catalyst 2960CPD-8PT-L: 0.5 to 0.25 A, 50 to 60 Hz</li> <li>• Catalyst 2960CG-8TC-L: 0.34 to 0.2 A, 50 to 60 Hz</li> <li>• Catalyst 2960C-8TC-L: 0.21 to 0.1 A, 50 to 60 Hz</li> <li>• Catalyst 2960C-8TC-S: 0.21 to 0.1 A, 50 to 60 Hz</li> <li>• Catalyst 2960C-8PC-L: 1.59 to 0.8 A, 50 to 60 Hz</li> <li>• Catalyst 2960C-12PC-L: 1.6 to 0.8 A, 50 to 60 Hz</li> <li>• Catalyst 3560CG-8PC-S: 1.68 to 0.8 A, 50 to 60 Hz</li> <li>• Catalyst 3560CG-8TC-S: 0.37 to 0.2 A, 50 to 60 Hz</li> <li>• Catalyst 3560CPD-8PT-S: 0.5 to 0.25 A, 50 to 60 Hz</li> <li>• Catalyst 3560C-8PC-S: 1.6 to 0.8 A, 50 to 60 Hz</li> <li>• Catalyst 3560C-12PC-S: 1.61 to 0.8 A, 50 to 60 Hz</li> </ul>
DC input voltage	Unspecified when power adapter installed <ul style="list-style-type: none"> <li>• Catalyst 2960CPD-8TT-L: 37 to 57 VDC, 0.01 to 0.3 A</li> <li>• Catalyst 2960CPD-8PT-L: 37 to 57 VDC, 0.01 to 0.6 A</li> <li>• Catalyst 3560CPD-8PT-S: 37 to 57 VDC, 0.01 to 0.6 A</li> </ul>

**Table A-2 Catalyst 3560-C and 2960-C Switch Specifications (continued)**

Power consumption <sup>1</sup>	<ul style="list-style-type: none"> <li>• Catalyst 2960CPD-8TT-L: 15 W, 51 BTUs per hour (AC) 14.5 W, 50 BTUs per hour (DC PD)</li> <li>• Catalyst 2960CPD-8PT-L: 44 W, 74 BTUs per hour (AC) 43 W, 70 BTUs per hour (DC PD)</li> <li>• Catalyst 2960CG-8TC-L: 17.6 W, 60 BTUs per hour</li> <li>• Catalyst 2960C-8TC-L: 11 W, 38 BTUs per hour</li> <li>• Catalyst 2960C-8TC-S: 11 W, 38 BTUs per hour</li> <li>• Catalyst 2960C-8PC-L: 157 W, 88 BTUs per hour</li> <li>• Catalyst 2960C-12PC-L: 158 W, 91 BTUs per hour</li> <li>• Catalyst 3560CG-8PC-S: 165 W, 109 BTUs per hour</li> <li>• Catalyst 3560CG-8TC-S: 19.6 W, 67 BTUs per hour</li> <li>• Catalyst 3560CPD-8PT-S: 41.1 W, 88 BTUs per hour (AC) 40 W, 84 BTUs per hour (DC PD)</li> <li>• Catalyst 3560C-8PC-S: 158 W, 74 BTUs per hour</li> <li>• Catalyst 3560C-12PC-S: 159 W, 85 BTUs per hour</li> </ul>
Power rating	<ul style="list-style-type: none"> <li>• Catalyst 2960CPD-8TT-L: 0.02 KVA</li> <li>• Catalyst 2960CPD-8PT-L: 0.05 KVA</li> <li>• Catalyst 2960CG-8TC-L: 0.04 KVA</li> <li>• Catalyst 2960C-8TC-L: 0.03 KVA</li> <li>• Catalyst 2960C-8TC-S: 0.03 KVA</li> <li>• Catalyst 2960C-8PC-L: 0.16 KVA</li> <li>• Catalyst 2960C-12PC-L: 0.16 KVA</li> <li>• Catalyst 3560CG-8PC-S: 0.17 KVA</li> <li>• Catalyst 3560CG-8TC-S: 0.05 KVA</li> <li>• Catalyst 3560CPD-8PT-S: 0.05 KVA</li> <li>• Catalyst 3560C-8PC-S: 0.16 KVA</li> <li>• Catalyst 3560C-12PC-S: 0.16 KVA</li> </ul>

1. BTU values are switch dissipation only (excludes PoE which is dissipated at the end device).

**Table A-3 PoE Power Consumption**

Switch	Consumption without PoE	Consumption with PoE	Available PoE
Catalyst 2960CPD-8PT-L	14.5 W	43 W <sup>1</sup> 51 W <sup>2</sup>	22.4 W <sup>1</sup> 30.8 <sup>2</sup>
Catalyst 2960C-8PC-L	17.1 W	157 W	123.2 W
Catalyst 2960C-12PC-L	18.6 W	158 W	123.2 W
Catalyst 3560CPD-8PT-S	21.7 W	40 W <sup>1</sup> 51 W <sup>2</sup>	15.4 W <sup>1</sup> 23.8 <sup>2</sup>
Catalyst 3560CG-8PC-S	23.9 W	158 W	123.2 W
Catalyst 3560C-8PC-S	17.3 W	158 W	123.2 W
Catalyst 3560C-12PC-S	19.1 W	159 W	123.2 W

1. Requires both the uplink ports to be connected to PoE+ inputs.
2. Requires the uplink port to be connected to Cisco UPOE switch input.

