



Technical Specifications

The following sections describe the technical specifications for the Cisco Unified IP Phone 7960G and 7940G.

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Physical and Operating Environment Specifications

[Table D-1](#) shows the physical and operating environment specifications for the Cisco Unified IP Phone 7960G and 7940G.

Table D-1 *Physical and Operating Specifications*

Specification	Value or Range
Operating temperature	32° to 104°F (0° to 40°C)
Operating relative humidity	10% to 95% (non-condensing)
Storage temperature	14° to 140°F (–10° to 60°C)
Height	8 in. (20.32 cm)
Width	10.5 in. (26.67 cm)
Depth	6 in. (15.24 cm)
Weight	3.5 lb (1.6 kg)
Power	<ul style="list-style-type: none">• 100-240 VAC, 50-60 Hz, 0.5 A—when using the AC adapter• 48 VDC, 0.2 A—when using the in-line power over the network cable
Cables	Two (2) pair of Category 3 for 10-Mbps cables Two (2) pair of Category 5 for 100-Mbps cables
Distance Requirements	As supported by the Ethernet Specification, it is assumed that most Cisco Unified IP Phones should be within 330 feet (100m) of a phone closet.

Cable Specifications

- RJ-9 jack (4-conductor) for handset and headset connection.
- RJ-11 jack for console access (labeled AUX or RS232).
- RJ-45 jack for the LAN 10/100BaseT connection (labeled LAN).
- RJ-45 jack for a second 10/100BaseT compliant connection (labeled PC).
- 48-volt power connector. The diameter of the center pin in the phone power jack (Switchcraft 712A) is 0.1 in. (2.5 mm). The center pin is positive (+) voltage. The miniature power plug required to mate with the power jack on the phone is a Switchcraft 760 or equivalent.

Network and Access Port Pinouts

Although both the network and access ports are used for network connectivity, they serve different purposes and have different port pinouts.

Network Port Connector

[Table D-2](#) describes the network port connector pinouts.

Table D-2 Network Port Connector Pinouts

Pin Number	Function
1	TD+
2	TD-
3	RD+
4	+48 Volts return ¹
5	+48 Volts return ¹
6	RD-
7	+48 Volts source ¹
8	+48 Volts source ¹

1. When used to receive power from an inline power card in the Cisco Catalyst switch.

Access Port Connector

[Table D-3](#) describes the access port connector pinouts.

Table D-3 Access Port Connector Pinouts

Pin Number	Function
1	RD+
2	RD-
3	TD+
4	Not Used
5	Not Used

Table D-3 Access Port Connector Pinouts (continued)

Pin Number	Function
6	TD-
7	Not Used
8	Not Used

