



# Technical Specifications of the Cisco IP 7960G/7940G Phone

The following sections describe the technical specifications for the Cisco IP 7960G/7940G phone:

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## Physical and Operating Environment Specifications

[Table C-1](#) lists the physical and operating specifications of the Cisco IP 7960G/7940G phone.

**Table C-1 Cisco IP 7960G/7940G Phone Operational and Physical Specifications**

Specification	Value or Range
Operating temperature	32 to 104° F (0 to 40° C).
Operating relative humidity	10 to 95% (noncondensing).
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	100 to 240 VAC, 50 to 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 pair of Category 3 cables for 10 Mbps. Two pair of Category 5 cables for 100 Mbps.
Distance requirements	As supported by the Ethernet specification, it is assumed that most phones that are deployed in the field will be within 330 ft (100 m) of a phone closet.

## Cable Specifications

The following cables are required to connect the Cisco IP 7960G/7940G phone:

- RJ-11 for the handset connection.
- RJ-45 jack for the LAN connection (labeled “10/100 SW”).
- RJ-45 jack for a second 10BASE-T compliant connection (labeled “10/100 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.

## Regulatory Safety Compliance

For international agency compliance, safety, and statutory information on Cisco IP phone models in the 7900 series, refer to *Regulatory Compliance and Safety Information for the Cisco IP Phone 7900 Series* at [http://www.cisco.com/univercd/cc/td/doc/product/voice/c\\_ipphon/english/ipp7960/iphrcsi3.htm](http://www.cisco.com/univercd/cc/td/doc/product/voice/c_ipphon/english/ipp7960/iphrcsi3.htm).

## Connection Specifications

The Cisco IP 7960G/7940G phone has two RJ-45 ports that each support 10/100 Mbps half- or full-duplex connections to external devices—the network port and the access port. You can use either Category 3 or Category 5 cabling for 10-Mbps connections, but use Category 5 for 100-Mbps connections. On both the LAN-to-phone port (left RJ-45 port facing the back of the phone) and the PC-to-phone port (right port), use full-duplex to avoid collisions. Use the LAN-to-phone port to connect the phone to the network. Use the PC-to-phone port to connect a network device, such as a computer, to the phone.

For a diagram that identifies the different ports on the back of the Cisco IP 7960G/7940G phone, see the “[Initializing Cisco SIP IP Phones](#)” section on page 3-1.