

Cisco Unified IP Phone 7905G

Cisco® Unified IP Phones, integral components of the Cisco Unified Communications solution provide superior levels of integrated business features and converged communications at levels far beyond today's conventional voice systems. As the market leader in true IP telephony, Cisco continues to deliver outstanding end-to-end data and voice-over-IP (VoIP) solutions, offering the most complete, stylish, and fully featured IP phone portfolio in the industry.

The Cisco Unified IP Phone 7905G (Figure 1) is a cost-effective, basic IP phone providing a core set of business features. It is specifically suited for enterprise and service provider applications and can be deployed in the following end-user environments: enterprises, small and medium-sized businesses (SMBs), and small offices or home offices (SOHOs). It is also suitable for places where single-line phones are typically installed such as cafeterias, break rooms, lobbies, and manufacturing floors.

The Cisco Unified IP Phone 7905G provides single-line access and four interactive soft keys that guide a user through call features and functions on the pixel-based liquid crystal display (LCD). The graphic capabilities of the display support a rich user experience, presenting calling information, intuitive access to features, and language localization in future firmware releases.

The Cisco Unified IP Phone 7905G supports inline power, which allows the phone to receive power over the LAN. This capability gives the network administrator centralized power control, which translates into greater network availability. In addition, Extensible Markup Language (XML) applications deliver impressive features and network data to the Cisco Unified IP Phone 7905G display.

Figure 1. Cisco Unified IP Phone 7905G



Key Features

The Cisco Unified IP Phone 7905G is designed to be easy to use with conveniently placed features.

- **Pixel-based display:** A pixel-based display provides intuitive access to calling features. Four soft keys dynamically present calling options to the user. The scroll toggle bar allows easy movement through the displayed information.

- Menu key: This key allows users to quickly access information such as call logs and phone settings.
 - The user can retrieve voicemail messages.
 - The user can display missed calls, outgoing calls that have been placed, and incoming calls that have been received.
 - The user can set preferences such as ring types and display contrast.
- Hold key: This lighted key provides a red visual indication to the user that a call has been placed on hold.
- Volume control: This toggle allows easy decibel-level adjustments of the handset and ringer.
- Hearing-aid-compatible handset: The handset meets American Disabilities Act (ADA) requirements.
- Single-position stand: The stand provides optimum display viewing and comfortable use of buttons and keys. The stand can be removed to allow wall mounting using mounting holes located on the base of the phone.
- XML applications: Various XML applications can be delivered to the display.

Calling Features

The Cisco Unified IP Phone 7905G is designed to grow with system capabilities. Software updates to the phone's flash memory allow features to keep pace with changes. Examples of currently available features include the following:

- Single line or directory number
- Calling name and number display
- Call waiting
- Call forwarding
- Call transfer
- Three-way calling (conference calling)
- On-hook dialing, predialing, and off-hook dialing
- Redial
- Call hold
- Call monitoring (speaker only; no microphone)
- Messages soft key to provide access to voicemail messages
- Four speed dial numbers configurable at the Cisco Unified Communications Manager

Network Features

- Cisco Discovery Protocol
- IEEE 802.1q (VLAN)
- G.711a, G.711u, and G.729ab audio compression codecs
- 10BASE-T Ethernet connection through an RJ-45 interface for LAN connectivity
- Software upgrade supported through Trivial File Transfer Protocol (TFTP) server
- Provisioning of network parameters through Dynamic Host Configuration Protocol (DHCP)

- Voice-activity detection (VAD), silence suppression, comfort-noise generation, and error concealment

Protocols Supported

- Compatible with Cisco Unified CallManager 3.3 and above, using the Skinny Client Control Protocol (SCCP)
- H.323 Version 2
- Session Initiation Protocol (SIP) (RFC 2543)

Physical Specifications

- Dimensions: (H x W x D): 8 x 7 x 6 in. (20.3 x 17.67 x 15.2 cm)
- Phone weight: 1.9 lb (0.9 kg)

Power Supply

- Inline power
- Power can also be supplied locally using an optional AC to 48 VDC power adaptor, CP-PWR-CUBE-3=, which also requires one of the country-specific cords listed here.

AC Country Power Cords

- CP-PWR-CORD-AP= (Asia Pacific)
- CP-PWR-CORD-AR= (Argentina)
- CP-PWR-CORD-AU= (Australia)
- CP-PWR-CORD-CE= (Central Europe)
- CP-PWR-CORD-JP= (Japan)
- CP-PWR-CORD-NA= (North America)
- CP-PWR-CORD-SW= (Switzerland)
- CP-PWR-CORD-UK= (United Kingdom)

Temperature

- Operating temperature: 32 to 104°F (0 to 40°C)
- Relative humidity: 10 to 95% (noncondensing)
- Storage temperature: 14 to 140°F (–10 to 60°C)

Certification

Regulatory Compliance

Products bear the CE marking to indicate compliance with the 89/336/Eurocontrol Experimental Centre (EEC) and 73/23/EEC directives, which include the safety and Electromagnetic Compatibility (EMC) standards listed here.

Safety

- Underwriters Laboratories (UL) 60950
- Canadian Standards Association (CSA) C22.2 No. 60950
- EN 60950

- IEC 60950
- AS/NZS 3260
- TS 0001

EMC

- Federal Communications Commission (FCC) Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS 3548 Class B
- VCCI Class B
- EN55024
- EN 50082-1
- EN 61000-3-2
- EN 61000-3-3

Telecom

- FCC Part 68 (CFR 47) (hearing-aid-compatible)

Ordering Information

Table 1 provides ordering information for the Cisco Unified IP Phone 7905G.

Table 1. Part Numbers

Part Number	Description
CP-7905G	Cisco Unified IP Phone 7905G hardware
SW-CCM-UL-7905	Station User License for Cisco Unified Communications Manager
SW-SMH-UL-7905	Station User License for SIP or H.323 protocol

Cisco offers a standard one-year warranty. A Cisco SMARTnet[®] optional service agreement is available.

Accessories Ordering Information

An optional locking wall mount kit is available:

- CP-LCKNGWALLMNT2=

Cisco Unified Communications Solutions Services and Support

Cisco Unified Communications solutions services and support reduce the cost, time, and complexity associated with implementing a converged network. Cisco and its partners have designed and deployed some of today's largest and most complex IP Communications networks, so they understand how to integrate an IP Communications solution into your network.

Cisco design tools and best practices help ensure that the solution fits your business needs from the start, eliminating costly redesigns and downtime. Proven Cisco methods help ensure a sound implementation that delivers the functions and features you expect, on time. Support services include remote network operations, network management tools to administer the converged application and network infrastructure, and technical support services.

Through these services, your organization benefits from the experience gained by Cisco and its partners. Using this valuable experience, you can create and maintain a resilient converged network that meets your business needs today and in the future.



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Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

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