

## Cisco Unified IP Conference Station 7937G

Cisco® Unified Communications Solutions unify voice, video, data, and mobile applications on fixed and mobile networks, delivering a media-rich collaboration experience across business, government agency, and institutional workspaces. These applications use the network as the platform to enhance comparative advantage by accelerating decision time and reducing transaction time. The security, resilience, and scalability of the network enable users in any workspace to easily connect anywhere, anytime, and anyplace, using any media, device, or operating system. Cisco Unified Communications is part of a comprehensive solution that includes network infrastructure, security, wireless, management applications, lifecycle services, flexible deployment and outsourced management options, and third-party applications.

### Product Overview

Cisco Unified IP phones provide exceptional levels of integrated business functionality and converged communications features, surpassing today's conventional voice systems and competitive offerings. As the market leader in IP telephony, Cisco continues to deliver comprehensive end-to-end data and true voice-over-IP (VoIP) solutions, offering a complete, stylish and fully featured IP phone portfolio for enterprise and small- and mid-sized-business (SMB) customers.

The Cisco Unified IP Conference Station 7937G (Figure 1) combines state-of-the-art wideband speakerphone conferencing technologies with award-winning Cisco voice communication technologies. The net result is a conference room phone that offers superior wideband voice and microphone quality, with simplified wiring and administrative cost benefits. A full-featured, IP-based, hands-free conference station, the new Cisco Unified IP Conference Station 7937G is designed for use on desktops, in conference rooms, and in executive suites.

**Figure 1.** Cisco Unified IP Conference Station 7937G



The Cisco Unified IP Conference Station 7937G offers many improvements over the existing Cisco Unified IP Conference Station 7936. New features include:

- Superior wideband acoustics with the support of the G.722 wideband codec
- Support for IEEE Power over Ethernet (PoE) or the Cisco Power Cube 3
- Expanded room coverage up to 30 feet by 40 feet with the optional external microphone kit
- Support for a third-party lapel microphone kit
- New larger backlit liquid crystal display (LCD)
- Global localization within six months of first customer shipment (FCS)

**Table 1.** Cisco Unified IP Conference Station 7937G Features and Benefits Overview

Feature	Benefit
<b>Enhanced Audio Capabilities</b>	
<b>Superior wideband acoustics</b>	<ul style="list-style-type: none"> <li>• Wideband frequency response is more than double that of narrowband, resulting in a richer and clearer sound.</li> <li>• Enhances speech quality and speaker recognition.</li> <li>• Provides excellent voice quality for both wideband and narrowband calls.</li> </ul>
<b>Expanded room coverage</b>	Extends room coverage up to 30 feet by 40 feet with the optional Cisco Unified IP Conference Station 7937G microphone kit.
<b>Support for third-party wireless lapel microphone kit</b>	Allows presenters to be easily heard even if walking away from the Cisco Unified IP Conference Station 7937G microphones.
<b>New Industrial Design</b>	
<b>Large backlit LCD</b>	Increases visibility even in dark areas (255 x 128 pixels).
<b>Enhanced dial keys</b>	Makes dialing easier.
<b>Four soft keys</b>	Quickens access to features.
<b>Enhanced Power Features</b>	
<b>IEEE 802.3af line power</b>	Local power supply is not required.
<b>Support for the Cisco Power Cube 3</b>	Uses standard Cisco Unified IP Phone Power Supply.*
<b>Enhanced Software Features</b>	
<b>Extensible Markup Language (XML) services</b>	Support for Cisco XML services includes Cisco Unified Communications Manager and third-party directories, Cisco Web Dialer, Extension Mobility features, and Personal Assistant.
<b>Support for Cisco Unified Communications Manager</b>	Supports Cisco Unified Communications Manager Releases 4.1, 4.2, 4.3, 5.1, and 6.x.
<b>Cisco Unified Communications Manager Express and Cisco Smart Business Communications System</b>	Support Cisco Unified Communications Manager Express Release 4.3 - 12.4(15)XZ and later.
<b>Global Support</b>	
<b>Localizations provided within 6 months of FCS</b>	Will include localized user interface and customer documentation.

\* See Table 3 – Power Requirements.

**Table 2.** Detailed Features of Cisco Unified IP Conference Station 7937G

Feature	Description
<b>Directories</b>	The Cisco Unified IP Conference Station 7937G identifies incoming messages and categorizes them for users on the screen. This feature allows users to quickly and effectively return calls using direct dial-back capability. The corporate directory integrates with the Lightweight Directory Access Protocol Version 3 (LDAPv3) standard directory.
<b>Settings</b>	The Settings feature key allows the user to adjust display contrast, select background images (if available), and select from a large number of unique ringer sounds through the User Preference menu. Network Configuration preferences also can be set up (usually by the system administrator). Configuration can be either automatically or manually set up for Dynamic Host Control Protocol (DHCP), Trivial File Transfer Protocol (TFTP), Cisco Unified Communications Manager, and backup Cisco Unified Communications Manager instances.
<b>Services</b>	The Cisco Unified IP Conference Station 7937G allows users to quickly access diverse information such as weather, stocks, quote of the day, or any Web-based information. The Cisco Unified IP Conference Station 7937G uses XML to provide a portal to an ever-growing world of applications, features, and information.
<b>Help</b>	The online Help feature gives users information about the phone keys, buttons, and features. The pixel display allows for more flexible feature navigation and significantly expands the information viewed when using features such as Services, Information, Messages, and Directory. For example, the Directory button can show local and server-based directory information.
<b>Hold, Mute, and Redial Keys</b>	The Mute key is a fixed key. When it is active, the LED flashes on the Cisco Unified IP Conference Station 7937G as well as on the optional microphone kit. Hold and Redial are provided as soft keys associated with the screen, and are always at the same position for easy access.
<b>Display</b>	The Conference Station has a large high-resolution, graphical 32 level grayscale, backlit display (255 x 128 pixels).
<b>Speakerphone</b>	The Cisco Unified IP Conference Station 7937G offers full duplex high-quality wideband speakerphone technology. Included are Automatic Gain Control, Comfort Noise Generation, Silence Suppression/Voice Activity Detection, Echo Suppression, and Dynamic Noise Reduction, which reduces noise by up to 9 dB from constant noise sources such as fans or HVAC systems.
<b>Ethernet Switch</b>	The internal Ethernet port allows for a direct connection to a 10/100BASE-T Ethernet network through an RJ-45 interface with single LAN connectivity for the Cisco Unified IP Conference Station 7937G. Co-locating a PC with the Cisco Unified IP Conference Station 7937G is not supported.
<b>Volume Control</b>	The convenient Volume Control buttons on Cisco Unified IP Conference Station 7937G provide for easy, decibel-level adjustments for the speakerphone and ringer.
<b>Flexible Power Options</b>	The Cisco Unified Conference Station 7937G supports IEEE 803.af PoE Class 3, which allows powering from any of the Cisco Inline Power-capable blades and boxes. In addition, the Conference Station can be powered locally with a power supply (part number CP-PWR-CUBE-3) when combined with the Cisco Unified IP Conference Station 7937G Power Splitter.
<b>Multiple Ring Tones</b>	Twenty-eight user-adjustable ring tones are available.
<b>Signaling Protocol Support</b>	The Cisco Unified IP Conference Station 7937G supports Skinny Client Control Protocol (SCCP).
<b>Codec Support</b>	G.711, G.729, and G.722 audio compression codecs are available.
<b>Quality of Service (QoS) Options</b>	The Cisco Unified IP Conference Station 7937G supports DHCP and 802.1Q/p standards. The Conference Station can also be configured with an 801.1Q VLAN header containing the VLAN ID overrides configured by the Admin VLAN ID.
<b>Security</b>	The Cisco Unified IP Conference Station 7937G supports device authentication via 802.1.x supplicant and 802.1x MD5-EAP.
<b>Language Support</b>	More than 30 languages will be supported within 6 months of FCS (dependent on Cisco Unified Communications Manager version).
<b>Configuration Options</b>	IP address assignment can be statically configured or configured through the DHCP client.
<b>Voice Quality</b>	Comfort-noise generation and voice activity detection (VAD) programming are performed on a system basis.

## Specifications

Table 3 gives specifications of the Cisco Unified IP Conference Station 7937G. Table 4 provides temperature ratings and Table 5 lists certifications for the Conference Station.

**Table 3.** Specifications of the Cisco Unified IP Conference Station 7937G

Specification	Description
<b>Dimensions (H x W x D)</b>	15 3/8 x 14 1/2 x 2 5/8 inches. (39.05 x 36.83 x 6.67 cm)
<b>Weight</b>	2.3 lbs (1040 grams)
<b>Display</b>	3.07 x 1.42 inches (7.8 x 3.6 cm); 255 x 128 pixels
<b>Phone-Casing Composition</b>	Polycarbonate acrylonitrile butadiene styrene (ABS) plastic in textured dark gray color with silver bezel
<b>Power Requirements</b>	The Cisco Unified IP Conference Station 7937G is interoperable IEEE 802.3af PoE (Class 3 device); 48 VDC is required; it can be supplied locally at the desktop using an optional AC-to-DC power supply (part number CP-PWR-CUBE-3=). Use of the power supply also requires the Cisco Unified IP Conference Station 7937G Power Splitter and one of the corresponding AC country cords listed in Table 7.

## Temperature

**Table 4.** Temperature Ratings for Cisco Unified IP Conference Station 7937G

Temperature Variable	Description
<b>Operating Temperature</b>	32 to 104°F (0 to 40°C)
<b>Relative Humidity</b>	10 to 95% (noncondensing)
<b>Storage Temperature</b>	−40 to 185°F (−40 to 85°C)

## Certifications

**Table 5.** Certifications

Certification	Description
<b>Regulatory Compliance</b>	CE marking
<b>Safety</b>	<ul style="list-style-type: none"> <li>• Underwriters Laboratories (UL) 60950</li> <li>• Canadian Standards Association (CSA) C22.2 No. 60950</li> <li>• IEN 60950-1</li> <li>• AS/NZS 60950-1</li> </ul>
<b>Electromagnetic Compatibility (EMC)</b>	<ul style="list-style-type: none"> <li>• Federal Communications Commission (FCC) Part 15 (CFR 47) Class B</li> <li>• ICES-003 Class B</li> <li>• EN55022 Class B</li> <li>• CISPR22 Class B</li> <li>• AS/NZ 3548 CISPR 22 Class B</li> <li>• VCCI Class B</li> <li>• EN55024</li> <li>• EN61000-6-1</li> <li>• EN 61000-3-2</li> <li>• EN 61000-3-3</li> </ul>

## Ordering Information

Table 6 gives ordering information for the Cisco Unified IP Conference Station 7937G.

**Table 6.** Ordering Information for Cisco Unified IP Conference Station 7937G

Part Number	Description
CP-7937G	Cisco Unified IP Conference Station 7937G
CP-7937G=	Cisco Unified IP Conference Station 7937G, spare
CP-7937-MIC-KIT	*Optional Microphone Kit for Cisco Unified IP Conference Station 7937G
CP-7937-MIC-KIT=	*Optional Microphone Kit for Cisco Unified IP Conference Station 7937G, spare
CP-7937-PWR-SPL	Optional Power Splitter for Cisco Unified IP Conference Station 7937G when using the Cisco Power Cube 3
CP-7937-PWR-SPL=	Optional Power Splitter for Cisco Unified IP Conference Station 7937G when using the Cisco Power Cube 3, spare
SW-CCM-UL-7937	Pre-5.x Cisco Unified Communications Manager User License for Cisco Unified IP Conference Station
SW-CCM-UL-7937=	Pre-5.x Cisco Unified Communications Manager User License for Cisco Unified IP Conference Station, spare
SW-CCME-UL-7937	Communications Manager Express License For One 7937G Phone
SW-CCME-UL-7937=	Communications Manager Express License For One 7937G Phone

**Note:** All Cisco Unified IP phones require the purchase of a phone technology license, regardless of call protocol being used.

## Power Cords

Table 7 lists the AC country power cords needed for the Cisco Unified IP Conference Station 7937G if using the Cisco Power Cube 3.

**Table 7.** AC Country Power Cords

Part Number	Description
CP-PWR-CORD-AP=	Asia Pacific
CP-PWR-CORD-AR=	Argentina
CP-PWR-CORD-AU=	Australia
CP-PWR-CORD-CE=	European community
CP-PWR-CORD-CN=	China
CP-PWR-CORD-JP=	Japan
CP-PWR-CORD-NA=	North America
CP-PWR-CORD-SW=	Switzerland
CP-PWR-CORD-UK=	United Kingdom

## Warranty

Cisco Unified IP phones and conference stations are covered by a Cisco standard one-year replacement warranty.

## Cisco Unified Communications Services

Cisco and its certified partners can help you deploy a secure, resilient Cisco Unified Communications solution, meeting aggressive deployment schedules and accelerating business advantage. Cisco's portfolio of services is based on proven methodologies for unifying voice, video, data, and mobile applications on fixed and mobile networks.

Cisco's unique lifecycle approach to services defines the requisite activities at each phase of the solution lifecycle. Customized planning and design services focus on creating a solution that meets your business needs. Award-winning technical support increases operational efficiency. Remote management services simplify day-to-day operations, and optimization services enhance solution performance as your business needs change.



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