

Cisco Unified IP Conference Station 7935

The Cisco® Unified IP Conference Station 7935 (Figure 1) couples state-of-the-art conference-room speakerphone technologies from Polycom with the award-winning Cisco Unified Communication solutions. The net result is a conference-room phone that offers superior voice and microphone quality with simplified wiring and administrative cost benefits derived by converging voice, video, and data across a common IP infrastructure.

The Cisco Unified IP Conference Station 7935 voice instrument is a full-featured, IP-based, full-duplex hands-free conference station for use on desktops and offices and in small to medium-sized conference rooms. This device easily attaches to a Cisco Catalyst® 10/100 Ethernet switch port with a simple RJ-45 connection and dynamically configures itself to the IP network through the Dynamic Host Control Protocol (DHCP). Other than connecting the Cisco Unified IP Conference Station 7935 to an Ethernet switch port, no further administration is necessary. The Cisco Unified IP Conference Station 7935 dynamically registers with the Cisco Unified Communications Manager for connection services and receives the appropriate endpoint phone number and any software enhancements or personalized settings that are preloaded in Cisco Unified Communications Manager.

The Cisco Unified IP Conference Station 7935 full-duplex design offers superior voice quality, eliminating echoes, clipped words, and reverberations for more natural conversation. It features superior sound quality with a digitally tuned speaker and three microphones, allowing conference participants to move around while speaking. In addition to the regular telephony keypad, the Cisco Unified IP Conference Station 7935 provides three soft keys and menu navigation keys that guide a user through call features and functions. The Cisco Unified IP Conference Station 7935 also features a pixel-based LCD display. The display provides features such as date and time, calling party name, calling party number, digits dialed, and feature and line status.

Figure 1. Cisco Unified IP Conference Station 7935



Features

- Standard business telephony features: Supports call hold, call transfer, call release, mute, conference (impromptu and meet me), park, and pick up.
- Feature updates: Software upgrades from Cisco Unified Communications Manager allow the product to grow along with system capabilities.
- Full-duplex operation: State-of-the-art Acoustic Clarity Technology from Polycom permits natural, two-way conversations without clipping or distortion; the system automatically adapts to changes in the acoustic conditions of the room.
- Integrated keypad: The integrated keypad simplifies operation by eliminating the need to receive and place calls on a separate telephone.
- 360-degree room coverage: A powerful, digitally tuned custom speaker and three sensitive microphones provide uniform coverage of small to medium-sized conference rooms or offices.
- Single-cable design: The network and power are combined in a single cable to reduce clutter on the tabletop.
- Simple to install: The device is configured with Cisco Unified Communications Manager.
- No special end-user training required: The device works like a regular telephone.
- DHCP: DHCP provides automatic address configuration on the IP network.
- Cisco Discovery Protocol for Cisco Unified IP Conference Station 7935 for Cisco Catalyst switch port discovery: This powerful protocol provides emergency (911) services, phone tracking, and asset and theft management.
- Autoconfiguration of phone number, software images, and personalized settings: Autoconfiguration simplifies installation, reconfiguration, and future feature enhancements such as Web browsing capabilities.

The Cisco Unified IP Conference Station 7935 offers a single 10/100BaseTx Ethernet LAN connection to the network through an RJ-45 interface.

The Cisco Unified IP Conference Station 7935 also provides the following features:

- Convenient volume control buttons
- Five-user adjustable ring tones
- G.711 (A-law and μ -Law) and G.729a audio compression
- IP address assignment (DHCP client or statically configured)
- Comfort noise generation and voice activity detection
- Web- and LCD-based configuration

It also provides settings for the following:

- Display contrast
- Ring type
- Network configuration
- Call status

Specifications

- Audio bandwidth: 300 to 3500 Hz
- Speaker volume: 85 dB peak volume at 0.5 meter (1 foot 7 inches)
- Recommended room conditions: Closed offices and conference rooms up to 20 x 30 ft (6m x 9m) without major glass or ceramic surfaces and with normal background air-conditioning noise (Significant echoes need to be less than 1/8th of a second in duration.)
- Firmware updates: Download from Cisco Unified Communications Manager
- Dimensions (H x W x D): 12.5 x 12 x 2.25 in. (31.5 x 30.2 x 5.7 cm)
- Phone weight: 1.75 lb (0.8 kg)
- Acrylonitrile butadiene styrene (ABS) plastic in textured dark-gray color
- Power interface module (PIM) provides power interface and network connection
- Universal power supply is included with the Cisco Unified IP Conference Station 7935; one of the following country cords is required:
 - CP-PWR-CORD-NA (North America)
 - CP-PWR-CORD-CE (Central Europe)
 - CP-PWR-CORD-UK (United Kingdom)
 - CP-PWR-CORD-AU (Australia)
 - CP-PWR-CORD-JP (Japan)
 - CP-PWR-CORD-AP (Asia Pacific)

Temperature

- Operating temperature: 32 to 104°F (0 to 40°C)
- Relative humidity: 20 to 85% (noncondensing)
- Storage temperature: -22 to 131°F (-30 to 55°C)

Regulatory Compliance

Safety

- UL1950
- CSA C22.2, No. 950
- EN60950
- IEC60950
- AS/NZS3260

EMC

- FCC (47 CFR Part 15) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS 3548 Class
- VCCI Class B

- EN55024

Ordering Information

- CP-7935 (includes station user license)
- CP-7935 = (used as spare phone; does not include station user license)

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

For More Information about Cisco Products

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Other: 408 526-7209

World Wide Web URL: <http://www.cisco.com>

Cisco Unified Communications Services and Support

Using the Cisco Lifecycle Services approach, Cisco and its partners offer a broad portfolio of end-to-end services to support the Cisco Unified Communications system. These services are based on proven methodologies for deploying, operating, and optimizing IP communications solutions. Initial planning and design services, for example, can help you meet aggressive deployment schedules and minimize network disruption during implementation. Operate services reduce the risk of communications downtime with expert technical support, and optimize services enhance solution performance for operational excellence. Cisco and its partners offer a system-level service and support approach that can help you create and maintain a resilient, converged network that meets your business needs.



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