


Cisco IP Conference Station 7935



The Cisco IP Conference Station 7935 couples state-of-the-art conference room speaker-phone technologies from Polycom with the Cisco award-winning AVVID-voice communication technologies. The net result is a conference room phone that offers superior voice and microphone quality, with simplified wiring and administrative cost benefits which are derived when converging voice, video, and data across a common IP infrastructure.

The Cisco 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 a Catalyst[®] 10/100 Ethernet switch port with a simple RJ-45 connection, and dynamically configures itself to the IP network via the Dynamic Host Control Protocol (DHCP). Other than connecting the Cisco 7935 to an Ethernet switch port, no further administration is necessary. The Cisco 7935 dynamically registers to the Cisco CallManager for connection services and receives the appropriate endpoint phone number, and any software enhancements or personalized settings, which are pre-loaded within Cisco CallManager.

The Cisco 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 7935 provides three soft keys and menu navigation keys that guide a user through call features and functions. The Cisco 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.



Features

- Standard business telephony features—Supports call hold, call transfer, call release, mute, conference (ad-hoc and meet-me), park, pick up.
- Feature updates—Software upgrades from Cisco CallManager will 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—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—Cable combines network and power to reduce clutter on the tabletop.
- Simple to install—Configures with Cisco CallManager.
- No special end-user training required—Works like a regular telephone.
- DHCP for auto address configuration to the IP network.
- Cisco Discovery Protocol for Cisco IP Conference Station 7935 to Catalyst switch port discovery—Powerful protocol for E911 services, phone tracking, and asset/theft management.
- Auto configuration of phone number, software images, and personalized settings—Simplifies installation, reconfiguration, and future feature enhancements such as Web-browsing capabilities.

The Cisco 7935 offers a single 10/100BaseTx Ethernet LAN connection to the network via an RJ-45 interface.

The Cisco 7935 also features:

- Convenient volume control buttons
- Five-user adjustable ring tones
- G.711 (A-law and -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 features settings for:

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

Specifications

- Audio bandwidth: 300 to 3500 Hz
- Speaker volume: 85 dB peak volume at 0.5 meters
- Recommended room conditions: closed offices and conference rooms up to 20 feet x 30 feet in dimension without major glass/ceramic surfaces and with normal background air-conditioning noise. (Significant echoes need to be less than 1/8th of a second in duration.)
- Download firmware updates from Cisco CallManager
- Dimensions: 12.5 x 12 x 2.25 in. (31.5 x 30.2 x 5.7 cm) (H x W x D)
- 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 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% (non-condensing)
- 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. SMARTnet™ optional service agreement is available.

For More Information on Cisco Products

U.S. and Canada: 800 553-NETS (6387)

Europe: 32 2 778 4242

Australia: 612 9935 4107

Other: 408 526-7209

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

Service and Support

Cisco AVVID (Architecture for Voice, Video and Integrated Data) support solutions ensure customer success by delivering a suite of proactive services. The award-winning Cisco internetworking service and support offerings provide presales network audit planning, design consulting, network implementation, operational support, and network optimization. Cisco interactive knowledge-transfer solutions enhance customer success by leveraging Cisco expertise and experience. By including service and support when purchasing Cisco AVVID products, customers can confidently deploy Cisco AVVID networks utilizing Cisco expertise, experience, and resources.



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