

Polycom SoundPoint IP 335 Entry-level SIP phone with Polycom HD Voice™

Two-line, entry-level phone providing unparalleled Polycom HD Voice technology and advanced telephony features

The Polycom IP 335 phone is designed to bring a high-quality, cost effective solution to cubicle workers and call center operators through advanced telephony features and HD Voice technology, making voice communications more effective and productive. Utilizing its high resolution backlit display, headset port, and Polycom HD Voice technology, the SoundPoint IP 335 phone delivers a business grade telephony endpoint at an entry-level price.

Unsurpassed Voice Quality and Clarity

The SoundPoint 335 features Polycom HD Voice, bringing life-like richness and clarity to every call. Polycom HD Voice incorporates wideband audio for over twice the voice clarity; patented Polycom "Acoustic Clarity" technology for crystal-clear, noise and echo-free sound; and best-in-class system design for high-fidelity voice reproduction.

Advanced Telephony Features

The SoundPoint IP 335 desktop phone also delivers advanced features and capabilities such as call hold, pick-up, transfer, and local conferencing, as well as more advanced capabilities such as shared call bridged line appearance, built-in XML microbrowser, and headset port.

It Makes Good Business Sense

In today's Internet driven world, the ability to conduct real time communication and collaboration has become critical to an organization's survival. As the market leader in open standards Unified Communications (UC) solutions, our award-winning IP telephony and conference technology makes it



easy for people to interact and maximize productivity over any network, in just about any environment, anywhere around the globe. That's why more organizations worldwide use and prefer Ravon IP telephony and application solutions featuring Polycom IP phones.

Learn More

To find out how Ravon VoIP solutions can help your organization, call 1-866-RAVON-76, or visit us at www.ravon.net.

Benefits

- ▶ **Polycom HD Voice.** Unparalleled voice clarity makes your calls more efficient and productive.
- ▶ **Broad and Robust Interoperability.** Certified to interoperate with a broad array of SIP call control platforms to enable open choices and innovations while simplifying provisioning, management, and support.
- ▶ **High-Quality Display.** High resolution graphical 102 x 83 pixel grayscale LCD with adjustable backlighting.
- ▶ **Advanced Telephony Features.** Two lines, support of share line presence, three-way local conferencing, and built-In XML microbrowser.

Polycom SoundPoint IP 335 Specifications

Lines (Direct Numbers)

Up to 2 lines with up to 8 simultaneous calls total

Display

- 102 x 33 pixel backlit grayscale graphical LCD
- LED backlight with custom intensity control
- Message Waiting Indicator (MWI) LED

Feature Keys

- 3 context-sensitive "soft" keys
- 2 line keys with bi-color (red/green) LED
- 2 feature keys ("Menu" and "Dial")
- 4-way navigation key cluster with center "Select" key
- 2 volume control keys
- Dedicated hold key
- Dedicated headset key
- Dedicated hands-free speakerphone key
- Dedicated microphone mute key
- Optional messages key

Headset and Hearing Aid Compatibility

- Dedicated RJ-9 headset port
- Compliant with ADA Section 508
- Recommendations: Subpart B 1194.23 (all)
- Hearing Aid Compatible (HAC) handset for magnetic coupling to TIA 504-A and ITU
- P.370 standards
- Compatible with commercially available TTY adapter equipment

Audio Features

- Life-like voice quality for each audio path – the handset, the hands-free speakerphone and the optional headset
- Full-duplex hands-free speakerphone
- Type 1 compliant with IEEE 1329 full duplex standards
- Codecs: G.722 (wideband), G.711 μA, G.729A
- (Annex B) and iLBC
- Individual volume settings with visual feedback for each audio path
- Voice activity detection
- Comfort noise fill
- DTMF tone generation/DTMF event RTP payload
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment
- Acoustic echo cancellations
- Background noise suppression

Call Handling Features²

- Shared call/bridged line appearance
- Busy Lamp Field (BLF)
- Flexible line appearance (one or more line keys can be assigned for each line extension)
- Distinctive incoming call treatment/call waiting
- Call timer
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party information
- Local three-way conferencing
- One-touch speed dial
- Call waiting
- Remote missed call notification
- Intercom
- Automatic off-hook call placement
- Do not disturb function

Other Features

- Interoperability with Microsoft® LCS 2005 for telephony and presence³
- Compatibility with Microsoft Office Communicator and Windows® Messenger 5.1 Clients
- Enabled for Polycom Productivity Suite
- Local feature-rich GUI
- Time and date display
- User-configurable contact directory and call history (missed, placed and received)
- Wave file support for call progress tones
- Unicode UTF-8 character support
- Multilingual user interface encompassing Danish, Dutch, English (Canada/US/UK), French, German, Italian, Norwegian, Polish, Russian, Slovenian, Spanish, Swedish

Protocol Support

- IETF SIP (RFC 3261 and companion RFCs)

Network and Provisioning

- Two 10/100 Mbps Ethernet ports
- Manual or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- FTP/TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
- Provisioning and call server redundancy supported
- Web portal for individual unit configuration
- QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3
- TOS and DSCP
- Network Address Translation (NAT) support for static configuration and "Keep-Alive" SIP signaling RTCP support (RFC 1889)
- Event logging Syslog
- Local digit map
- Hardware diagnostics
- Status and statistics reporting

Security

- Transport Layer Security (TLS)
- Secure Real-time Transport Protocol (SRTP)
- Encrypted configuration files
- Shipped with X.509 certificate installed
- Digest authentication
- Password login
- Support for URL syntax with password for boot server
- HTTPS secure provisioning
- Support for signed software executables

Power

- Built-in, auto-sensing IEEE 802.3af Power Over Ethernet (Class2)
- External universal input AC adapter (optional; 24V DC@500mA)

Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS CISPR22 Class B
- VCCI Class B
- EN55024
- CE
- RoHS Compliant
- GOST-R
- A-Tick
- C-Tick
- KCC
- ANATEL
- NZ Telepermit
- TRA

Safety

- IEC60950-1
- EN60950-1
- UL60950-1
- CAN/CSA C22.2 No.60950-1-03
- AS/NZS 60950-1

Operating Conditions

- Temperature: 0 to 40°C (+32 to 104°F)
- Relative Humidity: 5% to 95%, non-condensing

Storage Temperature

- -40 to +70°C (-40 to +160°F)

SoundPoint IP 335 Comes with:

- SoundPoint IP 335 console
- Handset with handset cord
- Base stand
- Network (LAN) cable
- Quick Start Guide
- Product registration card

Size

- 6.7 in x 5.7 in x 6.9 in
- (17 cm x 17 cm x 17.5 cm)

Weight

- Phone weight: 1.9 lb (0.861 kg)
- 2.9 lbs (1.3 kg)

Warranty

- 1 Year

² To enjoy all the benefits of Polycom HD Voice when using the phone in the headset mode, you must use a wideband headset.

³ Some of these features need to be supported by an appropriate call/applications server.

³ Features supported on SoundPoint IP 335 require SIP 3.2.2 or later.