Polycom® SoundPoint IP®
321 and 335

Enterprise-grade SIP phones
at a remarkable value

Entry-level IP phones with
excellent sound quality,
an enterprise-grade
feature set and business
telephony features.

The Polycom SoundPoint IP 321 and IP 335 are
enterprise-grade SIP phones that provide excellent
sound quality at a remarkable value. Both are
designed to bring high quality communications
through advanced features and functionality.

The Polycom SoundPoint IP 321 has a single
10/100 Ethernet port and two lines. You may easily
install, configure and upgrade your phone as easy
as possible. It also features a stand which can be
reversed to serve as a wall mount. With a built-in
IEEE 802.3af PoE circuitry, you can experience
flexible deployment and significant savings on
cabling expenses.

The phone unit also comes with the Polycom
Acoustic Clarity Technology, enabling crystal-clear

conversations that sound as natural as face to face
conversations. It is equipped with a full-duplex IEEE
1329 Type 1-compliant speakerphone.

The Polycom SoundPoint IP 335, on the other hand,
features HD voice* technology to deliver unparalleled
clarity of voice data. It is also equipped with high
resolution backlit display to provide clear call
information. The unit also comes with features such
as call hold, transfer and three-way conferencing.

Both the Polycom SoundStation IP 321 and IP
335 are able to provide businesses with excellent
communications in real-time. They offer functionality
that gives your office communications the ability to
maximize productivity over any network.

* HD Voice is available for RingCentral customers in selecting plans

RingCentral

Features and Specifications

Lines (Directory Numbers)

- Up to 2 lines with up to 2 calls per line

Display

- 102 x 33 pixel-graphical LCD
- IP 335: LED backlight with custom intensity adjustment

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 speaker phone key
- Dedicated microphone mute key
- Headset Compatibility

Headsets

- IP 321: Dedicated 2.5-mm headset port compatible with most monaural mobile phone headsets
- IP 335: Dedicated RJ-9 headset port – amplified headsets are recommended

Hearing Aid Compatibility

- Compliant with ADA Section 508 Recommendations: Subpart B 1194.23 (all)
- Hearing Aid Compatible (HAC) handset for magnetic coupling to approved HAC hearing aids
- Compatible with commercially-available TTY adapter equipment

Audio Features

- Full-duplex hands-free speakerphone with Polycom
- Acoustic Clarity Technology
- Frequency response - 300Hz - 3300Hz for handset, headset and hands-free speakerphone modes

- Codecs:
  - » IP 321: G.711 µ/A and G.729A (Annex B)
  - » IP 335: G.722 (wideband), G.711 µ/A and G.729A (Annex B)
- 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 cancellation
- Background noise suppression

Call Handling Features

- Distinctive incoming call treatment/call waiting
- Call timer
- Call transfer, hold
- Called, calling, connected party information
- Three-way conferencing
- One-touch speed dial, redial
- Call waiting
- Automatic off-hook call placement
- Do not disturb function

Other Features

- 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, Portuguese, Russian, Spanish, Swedish
- IETF SIP (RFC 3261 and companion RFCs) Network and Provisioning
- IP 321: Single 10/100 Mbps Ethernet port

- IP 335: Two 10/100 Mbps Ethernet ports
- Manual or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3
- Network Address Translation (NAT) support for static configuration and "Keep-Alive" SIP signalling
- RTCP support (RFC 1889)
- Event logging
- Syslog
- Local digit map
- Hardware diagnostics
- Status and statistics reporting

Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS CISPR 22 Class
- VCCI Class B
- EN55024 Class B
- EN61000-3-2; EN61000-3-3; EN-61000-6-1
- ROHS compliant
- Anatel
- GOST
- C-tick
- CCC

Safety

- CE Mark
- EN 60950-1
- IEC 60950-1
- CAB/CSA-C22.2 No. 60950-1-03
- AS/NZS 60950-1
- IP 321: NRTL
- IP 335: UL60950-1

RingCentral

Features and Specifications continued

Operating Conditions

- Temperature: +10 to 40°C (+50 to 104°F)
- Relative Humidity: 20% to 85%, non-condensing

Storage Temperature

- -40 to +70°C (-40 to +160°F)

SoundPoint IP 321/335 Comes with:

- SoundPoint IP 321/335 console
- Handset with handset cord
- Base stand
- Network (LAN) cable
- User guide
- Quick Tips reference card

Size

- 6.7 in x 5.7 in x 6.9 in x 1.4 in
- (17 cm x 14.5 cm x 17.5 cm x 3.5 cm)

Weight

- Phone weight: 1.37 lb (0.625 kg)

Country of Origin

- Thailand

Warranty

- 1 year