



# Polycom® SoundPoint® IP 330 and 320

Enterprise-grade SIP phones that deliver remarkable value



## Benefits

**Excellent Sound Quality** – Polycom Acoustic Clarity Technology enables crystal-clear simultaneous hands-free conversations that are as natural as being there

## Enterprise-Grade Feature Set<sup>1</sup> –

- Two lines
- Full-duplex speakerphone
- Easy-to-read, 102 x 33-pixel graphical LCD
- Support of shared lines, presence, 3-way local conferencing, and distinctive call treatment
- XHTML micro-browser for Web applications

## Efficient Installation and Provisioning –

- Remote, zero-touch provisioning with support of a variety of servers
- Integrated IEEE 802.3af Power over Ethernet (PoE) support

**Broad Interoperability** – Certified to support a rich set of features with a variety of leading SIP-based IP PBX and Softswitch platforms and to interoperate with Microsoft Live Communications Server for telephony and presence

## Entry-level IP phones with excellent sound quality and an enterprise-grade feature set

Introducing the SoundPoint IP 330 and 320 two-line SIP phones that deliver superb sound quality as well as a wide range of supported business telephony features. The SoundPoint IP 330 phone, with its dual-port 10/100 Ethernet switch for LAN and PC connection, presents a cost-effective solution for cubicle workers as well as call center operators who use a “hard” phone in conjunction with a “soft” client running on the PC. The SoundPoint IP 320 phone has a single 10/100 Ethernet port, therefore its application targets include common areas, such as lobbies, hallways, and break rooms, as well as various wall-mounted deployments.

### Superb Sound Quality

The SoundPoint IP 330 and 320 phones feature a full-duplex IEEE 1329 Type 1-compliant speakerphone with Polycom’s legendary Acoustic Clarity Technology that delivers excellent sound quality and enables noise-free and echo-free conversations that are as natural as being there.

### Enterprise-Grade Feature Set<sup>1</sup>

The SoundPoint IP 330 and 320 phones deliver through an intuitive user interface a full feature set encompassing both traditional business telephony features such as call hold, park, pick-up, transfer, and three-way local conferencing, and more advanced capabilities such as shared call/bridged line appearance, support of XHTML applications, and distinctive call treatment.

### Efficient Installation and Provisioning

The SoundPoint IP 330 and 320 phones are engineered to make installation, configuration, and upgrades as simple and efficient as possible. The phones’ standard base stand can be reversed to become a wall mount, eliminating the need for a separate accessory. Built-in IEEE 802.3af PoE circuitry and a dual-port Ethernet switch (SoundPoint IP 330 phone only) enable flexible deployment options and savings on cabling expenses. The SoundPoint IP 330 and 320 phones support remote, zero-touch provisioning and upgrade from a variety of servers, including FTP, TFTP, HTTP, or HTTPS. To ensure reliable, uninterrupted performance, the phones support boot and call server redundancy.

### Broad Interoperability

The SoundPoint IP 330 and 320 phones have been tested and certified to deliver comprehensive interoperability and extensive feature support with leading SIP-based call control platforms by BroadSoft, Sylanro, Interactive Intelligence/Vonexus, Digium, and other Polycom Technology and Interoperability Partners<sup>2</sup>. The phones also interoperate with Microsoft® Live Communications Server (LCS) 2005 for telephony and presence. This broad interoperability offers Polycom customers a choice of supported standards-based call server solutions with which the phones can be deployed.

# Polycom SoundPoint IP 330 and 320

## Make Great Things Happen with Polycom SoundPoint IP 330 and 320 Phones

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 voice, video, data and Web solutions, our award-winning 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 Polycom conferencing solutions. Because when people work together, great things happen. See how you, too, can achieve great things with Polycom SoundPoint IP 330 and 320 phones.

### SPECIFICATIONS

#### Lines (Directory Numbers)

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

#### Display

- 102 x 33 pixel-graphical LCD

#### 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

#### Headset Compatibility

- Dedicated 2.5-mm headset port compatible with most monaural mobile phone headsets

#### 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
  - Type 1 compliant with IEEE 1329 full duplex standards
- Frequency response - 300Hz - 3300Hz for handset, headset and hands-free speakerphone modes
- Codecs: G.711  $\mu$ /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<sup>1</sup>

- Shared call / bridged line appearance
- 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, redial
- 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 presence
- Local feature-rich GUI

- Time and date display
- User-configurable contact directory and call history (placed and received)
- Customizable call progress tones
- 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

#### Protocol Support

- IETF SIP (RFC 3261 and companion RFCs)

#### Network and Provisioning

- SoundPoint IP 330 – two-port 10/100 Mbps Ethernet switch
- SoundPoint IP 320 – single 10/100 Mbps Ethernet port
- 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 signalling
- RTP support (RFC 1889)
- Event logging
- Syslog
- Local digit map
- Hardware diagnostics
- Status and statistics reporting

#### Security<sup>1</sup>

- Transport Layer Security (TLS)
- Encrypted configuration files
- 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
- External universal input AC adapter (optional<sup>2</sup>; 24V DC @ 500mA)

#### Approvals

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

#### 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 330/320 Comes With:

- SoundPoint IP 330/320 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 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)

#### Part Numbers / UPC Codes

##### SoundPoint IP 330

- 2200-12330-025 / 610807526865 for all markets except Korea
- 2200-12330-016 / 610807526261 for Korea

##### SoundPoint IP 320

- 2200-12320-025 / 610807526872 for all markets except Korea
- 2200-12320-016 / 610807526339 for Korea

#### Unit Box Dimensions / Weight

- 10 in x 4.2 in x 11.6 in (W x H x D) (25 cm x 10.5 cm x 29.5 cm)
- 3 lb 4 oz (1.49 kg)

#### Master Carton Quantity

- Ten

#### Country of Origin

- Thailand

#### Warranty

- 1 year

<sup>1</sup> Some of these features need to be supported by an appropriate call / applications server

<sup>2</sup> Please visit <http://www.polycom.com/techpartners.htm> for a list of supported platforms

<sup>3</sup> Optional AC Adapter 5-packs. Part Numbers / UPC Codes

- 2200-17569-001 / 610807524601 for NA, CALA, Taiwan
- 2200-17569-002 / 610807524618 for Japan
- 2200-17569-012 / 610807524625 for Australia / New Zealand
- 2200-17569-015 / 610807524632 for UK, Ireland, HK, Singapore, Malaysia
- 2200-17569-016 / 610807524649 for Korea
- 2200-17569-022 / 610807524656 for China
- 2200-17569-122 / 610807524663 for India, Europe, Rest of the World

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