Polycom® SoundPoint® IP Phones
Product Reference Guide

POLYCOM®

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Polycom's family of SoundPoint® IP phones leverage the capabilities of SIP-based VoIP networks to deliver breakthrough voice quality and advanced features that make calls more efficient and productive.

Entry-Level

SoundPoint IP 321 and 331 Entry-level IP phones with enterprise-grade features and outstanding voice quality

- Application targets:
  - Common areas, dorm rooms, wall-mounted deployments (SoundPoint IP 321)
  - Cubicle, call center (SoundPoint IP 331)
- 2 Lines
- Integrated PoE support (IEEE 802.3af)
- Full-duplex speakerphone with Acoustic Clarity Technology
- 102 x 33 pixel graphical LCD
- 15 dedicated hard keys, 3 context-sensitive soft keys
- Two-port 10/100 Ethernet switch (SoundPoint IP 331)
- Single 10/100 Ethernet port (SoundPoint IP 321)

SoundPoint IP 321 - PoE Only	2200-12360-025
SoundPoint IP 331 - PoE Only	2200-12365-025

SoundPoint IP 335 Two-line, entry-level phone providing unparalleled Polycom HD Voice™

HDvoice

- Application targets:
  - Cubicle, call center
- 2 Lines
- Integrated PoE support (IEEE 802.3af)
- Polycom HD Voice for all audio paths
- 102 x 33 pixel backlit grayscale graphical LCD
- 15 dedicated hard keys, 3 context-sensitive soft keys
- Two-port 10/100 Ethernet switch

SoundPoint IP 335 - PoE Only	2200-12375-025

Mainstream

SoundPoint IP 450 Mid-Range SIP desktop phone with Polycom HD Voice™

HDvoice

- Application target: SOHO, cubicle
- 3 Lines
- Integrated PoE support (IEEE 802.3af)
- Polycom HD Voice for all audio paths
- 171 x 73-pixel backlit grayscale graphical LCD
- 17 dedicated hard keys, 4 context-sensitive soft keys

SoundPoint IP 450 - PoE Only	2200-12450-025

Performance

SoundPoint IP 550 Cutting-edge SIP feature set meets Polycom HD Voice™

- Application target: manager's/professional's office
- 4 lines
- Integrated PoE support (IEEE 802.3af)
- Polycom HD Voice for all audio paths
- 320 x 160 pixel backlit grayscale graphical LCD
- 26 dedicated hard keys, 4 context-sensitive soft keys

  SoundPoint IP 550 - PoE Only   2200-12550-025

SoundPoint IP 560 Cutting-edge SIP and GigE meet Polycom HD Voice™

- Application target: manager's/professional's office
- 4 lines
- Integrated PoE support (IEEE 802.3af)
- Polycom HD Voice for all audio paths
- 320 x 160 pixel backlit grayscale graphical LCD
- 26 dedicated hard keys, 4 context-sensitive soft keys
- Inbuilt Gigabit Ethernet support

  SoundPoint IP 560 - PoE Only   2200-12560-025

SoundPoint IP 650 High-performance IP phone with Polycom HD Voice™

- Application target: executive office
- 6 lines (standalone) / 12 lines (with Expansion Module)
- Integrated PoE support (IEEE 802.3af)
- Polycom HD Voice for all audio paths
- 320 x 160 pixel backlit grayscale graphical LCD
- 26 dedicated hard keys, 4 context-sensitive soft keys
- Support of up to three Expansion Modules
- USB for local call recording

  SoundPoint IP 650 - PoE Only   2200-12651-025

SoundPoint IP 670 A premium, SIP desktop phone with color display delivering a rich voice, visual and applications experience

- Application target: executive office
- 6 lines (standalone) / 12 lines (with Expansion Module)
- Integrated PoE support (IEEE 802.3af)
- Polycom HD Voice for all audio paths
- 320 x 160 pixel backlit color graphical LCD
- 26 dedicated hard keys, 4 context-sensitive soft keys
- Support of up to three Expansion Modules
- USB for local call recording
- Inbuilt Gigabit Ethernet support

  SoundPoint IP 670 - PoE Only   2200-12670-025

Attendant

SoundPoint IP Expansion Module Turn your SoundPoint IP 650/670 into a high-performance Attendant Console

- Application target: telephone attendant's desk
- 14 Illuminated keys configurable as a line key, or a speed dial with BLF
- 160 x 320 pixel greyscale/color graphical LCD with backlight
- Plug-and-play, hot-swappable
- Cord-free, no AC adapter required - power and signaling are provided by the host phone
- Matches elegantly with the SoundPoint IP 650/670 look and feel

  SoundPoint IP Backlit Expansion Module: 2200-12750-025
  SoundPoint IP Color Expansion Module: 2200-12770-025

Polycom® SoundPoint® IP Phone Comparison

	Entry-Level		Mainstream	Performance		
	SoundPoint IP 321/331	SoundPoint IP 335	SoundPoint IP 450	SoundPoint IP 550/560	SoundPoint IP 650	SoundPoint IP 670
Positioning						
Application Targets	IP331-Cubicle, call center IP 321 - Common areas, wall mounted deployments	Cubicle, Call Center	Cubicle	Manager/Professional's office	Executive Office / Attandant's desk - with Backlit Expansion Modules	Executive Office / Attandant's desk with Color Expansion Modules
LCD Display	102 x 33 pixel graphical	102 x 33 pixel graphical	171 x 73 pixel backlit graphical	320 x 160 pixel backlit graphical	320 x 160 pixel backlit graphical	320 x 160 pixel backlit color graphical
Unicode Character Support	European character set	European character set	•	•	•	•
Expansion Module Support					Up to 3 Backlit Expansion Modules	Up to 3 Color Expansion Modules w/ AC adaptor
Audio Features						
Polycom HD Voice Technology		•	•	•	•	•
Full Duplex Speakerphone with Acoustic Clarity Technology	•	•	•	•	•	•
Telephony Keys	2	2	3	4	6 (12 with Exp. Module)	6 (12 with Exp. Module)
Line/Speed Dial Keys	2	2	3	4	6 (48 with 3 Exp. Modules)	6 (48 with 3 Exp. Modules)
Mute, Handset, and Hands Free Keys	•	•	•	•	•	•
Context-Sensitive Soft Keys	3	3	4	4	4	4
Display/Menu Navigation Keys	5	5	5	6	6	6
Advanced Features						
Busy Lamp Field (BLF) Functionality	•	•	•	•	•	•
Shared Call/Bridged Line Appearance	•	•	•	•	•	•
Flexible Line Appearance	•	•	•	•	•	•
Multiple Call Appearances	•	•	•	•	•	•
XHTML Microbrowser	•	•	•	•	•	•
Microsoft LCS 2005 Interoperability for Telephony and Presence	•	•	•	•	•	•
Connectivity						
USB Port					•	•
Two-port 10/100/1000 MBPS	IP 331 - 10/100 IP 321 - single 10/100	10/100	10/100	IP 550 - 10/100 IP 560 - 10/100/1000	10/100	10/100/1000
Power Options						
Power over Ethernet (IEEE 802.3af)	•	•	•	•	•	•
Protocol Support						
SIP (RFC 3261)	•	•	•	•	•	•

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