

# Polycom® SoundPoint® IP

## Family of Products At-A-Glance

Polycom is a leading independent supplier of standards-based Voice over IP endpoints. We are committed to a full-line of high-quality, easy-to-use, and affordable VoIP telephones. Our SoundPoint IP line of desktop phones utilizes Polycom's award-winning Acoustic Clarity Technology<sup>1</sup> to deliver exceptional sound quality for full-duplex interactive conversations that are as natural as being there. Polycom SoundPoint IP VoIP telephones provide an easy transition from traditional PBX systems into the features and functionality of the world of IP telephony. The SoundPoint IP phones support multiple protocols running on the leading IP PBX and Softswitch vendors' solutions and offer investment protection by being in-the-field software upgradeable. With flexible powering options and access to the latest IP functionality, including secure provisioning<sup>2</sup>, multiple call- and flexible line appearances<sup>2</sup>, presence and instant messaging for SIP, Polycom SoundPoint IP telephones are your future-proof choice for business IP communications.



SoundPoint® IP 30x



SoundPoint® IP 50x



SoundPoint® IP 600

Feature	SoundPoint IP 300	SoundPoint IP 301*	SoundPoint IP 500	SoundPoint IP 501*	SoundPoint IP 600
<b>LCD Display</b>	4 line x 20 character monochrome	4 line x 20 character monochrome	160 x 80 pixel graphical grayscale	160 x 80 pixel graphical grayscale	320 x 160 pixel graphical grayscale
<b>Feature Range</b>	Entry	Entry	Mid	Mid	High
<b>Message Alert Indicator</b>	■	■	■	■	■
<b>Audio Features</b>					
Handset Operation	■	■	■	■	■
Headset Operation Through Independent Jack	■	■	■	■	■
Full-Duplex Hands Free Operation (Acoustic Clarity Technology)			■	■	■ Enhanced
Voice Activity Detection	■	■	■	■	■
Packet Error Correction	■	■	■	■	■
Acoustic Echo Cancellation (Hands Free Only)			■	■	■
Automatic Gain Control			■	■	■
Background Noise Suppression			■	■	■
Comfort Noise Fill	■	■	■	■	■
Local 3 Way Conferencing	■	■	■	■	■
Codec Support: G.711 μ/A And G.729A (Annex B)	■	■	■	■	■
Dynamic Jitter Buffers	■	■	■	■	■
<b>Telephony Features</b>					
Line/Speed Dial Keys	Up to 2	Up to 2	Up to 3	Up to 3	Up to 6
Flexible Line Appearances <sup>2</sup>	■	■	■	■	■
Multiple Call Appearances <sup>2</sup>	■	■	■	■	■
Mute, Headset And Hands Free Keys	Mute and Headset	Mute and Headset	■	■	■
Context Sensitive Soft Keys	3	3	4	4	4
Display/Menu Navigation Keys	2	2	6	6	6
<b>Security Features</b>					
HTTPS Secure Provisioning <sup>2</sup>		■		■	■
URL Syntax for Boot Server Address <sup>3</sup>	■	■	■	■	■
Support for "Signed" Software Executables <sup>3</sup>	■	■	■	■	■
<b>Networking/Connectivity</b>					
Dual 10/100 Mbps Switched Ethernet Ports	■	■	■	■	■
QoS Support – IEEE 802.1 P/Q, Layer 3 TOS	■	■	■	■	■
<b>Power Options</b>					
AC Power	■	■	■	■	■
Power Over Ethernet (Cisco)	■ <sup>4</sup>	■ <sup>4</sup>	■ <sup>4</sup>	■ <sup>4</sup>	■ Built-in, autosensing
Power Over Ethernet (IEEE 802.3af)	■ <sup>4</sup>	■ <sup>4</sup>	■ <sup>4</sup>	■ <sup>4</sup>	■ Built-in, autosensing
<b>Protocol Support</b>					
IETF MGCP V1.0 With NCS	■	■	■	■	■
SIP (RFC 3261)	■	■	■	■	■
SIP Interoperability With Polycom MGC™	■	■	■	■	■

<sup>1</sup> - One-way, monitor speaker in the SoundPoint IP 300 and SoundPoint IP 301

<sup>2</sup> - Requires SIP version 1.5.x or higher

<sup>3</sup> - Requires BootRom 3.0 or higher

<sup>4</sup> - With optional cable (IEEE: 2200-11077-002, Cisco: 2200-11014-002)

\* - The SoundPoint IP 301 and SoundPoint IP 501 are currently offered in North America, Australia, and New Zealand only





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