Polycom SoundPoint IP 321 VoIP Phone (IP321)

Product Name: Polycom SoundPoint IP 321 VoIP Phone (IP321)

Manufacturer: -

Model Number: 2200-12360-025

Please Note: The Polycom SoundPoint IP321 has been discontinued. For an alternative, please see the other Polycom VoIP Phones.

Polycom SoundPoint IP 321 VoIP Phone (IP321)
The Polycom SoundPoint IP321 is features two lines, 102 x 33-pixel graphical LCD, Superb sound quality and a Full-duplex IEEE 1329 Type 1-compliant speakerphone. The SoundPoint IP 321 is ideal for small to medium sized businesses.
Polycom IP 321 Key Features

ï¿½ Two-line entry-level phones
ï¿½ Superb sound quality and full-duplex speakerphone performance with Clarity by Polycom™ acoustic technology
ï¿½ Enterprise-grade feature set
ï¿½ Easy to configure and use
ï¿½ Integrated Power over Ethernet (PoE) support
ï¿½ Interoperability with leading IP PBX and Softswitch platforms
ï¿½ SIP features

Polycom SoundPoint IP 321 Technical Specifications
Lines (Directory Numbers)

ï¿½ Up to 2 lines with up to 2 calls per line

Display

ï¿½ 102 x 33 pixel-graphical LCD

Feature Keys

ï¿½ 3 context-sensitive "soft" keys
ï¿½ 2 line keys with bi-color (red/green) LED
ï¿½ 2 feature keys ("Menu" and "Dial")
ï¿½ 4-way navigation key cluster with center "Select" key
ï¿½ 2 volume control keys
ï¿½ Dedicated hold key
ï¿½ Dedicated headset key
ï¿½ Dedicated hands-free speakerphone key
ï¿½ Dedicated microphone mute key
ï¿½ Headset Compatibility
ï¿½ Dedicated 2.5-mm headset port compatible with most monaural mobile phone headsets

Hearing Aid Compatibility

ï¿½ Compliant with ADA Section 508 Recommendations: Subpart B 1194.23 (all)
ï¿½ Hearing Aid Compatible (HAC) handset for magnetic coupling to approved HAC hearing aids
ï¿½ Compatible with commercially-available TTY adapter equipment

Audio Features

Polycom SoundPoint IP 321 VoIP Phone (IP321)

ï¿½ Full-duplex hands-free speakerphone with Polycom
ï¿½ Acoustic Clarity Technology: Type 1 compliant with IEEE 1329 full duplex standards

ï¿½ Frequency response - 300Hz - 3300Hz for handset, headset and hands-free speakerphone modes
ï¿½ Codecs: G.711 µ/A and G.729A (Annex B)
ï¿½ Individual volume settings with visual feedback for each audio path
ï¿½ Voice activity detection
ï¿½ Comfort noise fill
ï¿½ DTMF tone generation / DTMF event RTP payload
ï¿½ Low-delay audio packet transmission
ï¿½ Adaptive jitter buffers
ï¿½ Packet loss concealment
ï¿½ Acoustic echo cancellation
ï¿½ Background noise suppression

Call Handling Features

ï¿½ Shared call / bridged line appearance
ï¿½ Flexible line appearance (one or more line keys can be assigned for each line extension)
ï¿½ Distinctive incoming call treatment / call waiting
ï¿½ Call timer
ï¿½ Call transfer, hold, divert (forward), pickup
ï¿½ Called, calling, connected party information
ï¿½ Local three-way conferencing
ï¿½ One-touch speed dial, redial
ï¿½ Call waiting
ï¿½ Remote missed call notification
ï¿½ Intercom
ï¿½ Automatic off-hook call placement
ï¿½ Do not disturb function

Other Features

ï¿½ Interoperability with Microsoft LCS 2005 for telephony and presence: Compatibility with Microsoft Office Communicator and Windows Messenger 5.1 Clients

ï¿½ Enabled for Polycom Productivity Suite
ï¿½ Local feature-rich GUI
ï¿½ Time and date display
ï¿½ User-configurable contact directory and call history (missed, placed and received)
ï¿½ Wave file support for call progress tones
ï¿½ Unicode UTF-8 character support. Multilingual user interface encompassing Danish, Dutch, English (Canada/US/UK), French, German, Italian, Norwegian, Russian, Spanish, Swedish

Protocol Support

ï¿½ IETF SIP (RFC 3261 and companion RFCs)

Network and Provisioning

Polycom SoundPoint IP 321 VoIP Phone (IP321)

ï¿½ Single 10/100 Mbps Ethernet port
ï¿½ Manual or dynamic host configuration protocol (DHCP) network setup
ï¿½ Time and date synchronization using SNTP
ï¿½ FTP / TFTP / HTTP / HTTPS server-based central provisioning for mass deployments
ï¿½ Provisioning and call server redundancy supported
ï¿½ Web portal for individual unit configuration
ï¿½ QoS Support – IEEE 802.1p/Q tagging (VLAN), Layer 3
ï¿½ TOS, and DSCP
ï¿½ Network Address Translation (NAT) support for static configuration and "Keep-Alive" SIP signalling
ï¿½ RTCP support (RFC 1889)
ï¿½ Event logging
ï¿½ Syslog
ï¿½ Local digit map
ï¿½ Hardware diagnostics
ï¿½ Status and statistics reporting

Security

ï¿½ Transport Layer Security (TLS)
ï¿½ Encrypted configuration files
ï¿½ Digest authentication
ï¿½ Password login
ï¿½ Support for URL syntax with password for boot server
ï¿½ HTTPS secure provisioning
ï¿½ Support for signed software executables

Power

ï¿½ Built-in, auto-sensing IEEE 802.3af Power over Ethernet (Class 1)
ï¿½ External universal input AC adapter (optional;24V DC @ 500mA)

Approvals

ï¿½ FCC Part 15 (CFR 47) Class B
ï¿½ ICES-003 Class B
ï¿½ EN55022 Class B
ï¿½ CISPR22 Class B
ï¿½ AS/NZS CISPR 22 Class
ï¿½ VCCI Class B
ï¿½ EN55024 Class B
ï¿½ EN61000-3-2; EN61000-3-3; EN-61000-6-1
ï¿½ ROHS compliant
ï¿½ Anatel
ï¿½ GOST
ï¿½ C-tick
ï¿½ CCC

Safety

ï¿½ CE Mark
ï¿½ EN 60950-1
ï¿½ IEC 60950-1
ï¿½ NRTL
ï¿½ CAB/CSA-C22.2 No. 60950-1-03

Polycom SoundPoint IP 321 VoIP Phone (IP321)

ï¿½ AS/NZS 60950-1

Operating Conditions

ï¿½ Temperature: 0 to 40°C (+32 to 104°F)
ï¿½ Relative Humidity: 5% to 95%, non-condensing

Storage Temperature

ï¿½ -40 to +70°C (-40 to +160°F)

Polycom SoundPoint IP 321 VoIP Phone Comes With:

ï¿½ Polycom SoundPoint IP 321 VoIP Phone console
ï¿½ Handset with handset cord
ï¿½ Base stand
ï¿½ Network (LAN) cable
ï¿½ Quick Start Guide
ï¿½ Product registration card

Size

ï¿½ 6.7 in x 5.7 in x 6.9 in x 1.4 in
ï¿½ (17 cm x 14.5 cm x 17.5 cm x 3.5 cm)

Weight

ï¿½ Phone weight: 1.37 lb (0.625 kg)

Connections Illustration

Note: Please refer to the Polycom VoIP Phone Range Detailed Comparison Table for more information.

Please Enquire

Options available for Polycom SoundPoint IP 321 VoIP Phone (IP321) :

Power Supply Required?

- Not Required -,   Power Supply for IP321 / IP331 (+£10.50).