



#### Feature Highlights:

Supports multiple protocols and platforms—enables standardization on one phone for multiple locations, systems and vendors.

Field upgradeable and easy installation of new firmware releases—upgrade as standards develop and protocols evolve to protect your investment.

Quality of Service architecture—QoS is assured by a packet forwarding engine that assigns priority to all IP phone related traffic. State of the art speech Digital Signal Processing assures best in class voice delivery on all networks.

# Polycom SoundPoint® IP

The power of a network. The simplicity of a phone.

Polycom demonstrates its audio technology leadership with the world's next generation phone that's powerful enough to deliver rich applications to the desktop. Platform independent to seamlessly interface with leading protocols and platforms, the SoundPoint IP is the premiere, full-featured, standards-based Voice over IP intelligent endpoint.

#### Freedom to choose the best solution for your business

The SoundPoint IP delivers voice and data over your choice of standards-based protocols giving you the freedom to tailor the best platform and applications solution for your business. It supports leading standard protocols including H.323 with H.450 supplementary services and MGCP (Polycom plans to add more protocols such as SIP, SCCP, and Megaco) to deliver the flexibility, features and functionality you need.

#### Ease of network management

The SoundPoint IP enables the convergence of voice and data networks so you can manage one network instead of two. It automatically checks and downloads configuration updates, so as standards develop and protocols evolve, these intelligent endpoints are updated and upgraded seamlessly and effortlessly, without disruption. Its dual port allows the SoundPoint IP to share a single LAN drop with a desktop PC, eliminating the need for additional wiring and installation costs. It's efficient. It saves time, and it saves money.

#### Protect your investment with interoperability

The SoundPoint IP ensures interoperability so it can grow as standards evolve. It's field upgradeable to enable new features and applications while reducing the cost of moves, adds and changes. You won't have to replace the phones you install today to grow your system's capabilities tomorrow. What's more, it was designed to work on your existing network so you can leverage your current investment in network infrastructure.

#### Full-featured communications tool

So much more than a phone, SoundPoint IP is a full-featured communications tool that helps users work smarter. Its information-rich display delivers content for messaging, call progress, directory access and the next generation of applications being developed by our partners, the leaders in the industry. It features a large, easy-to-read 160 x 80 graphical display, a hands-free speakerphone for crisp and professional sound, 13 feature keys to simplify operation, 4 context-sensitive soft keys to extend functionality, and a message alert indicator to keep users on top of their game.

# Polycom SoundPoint IP



## Technical Specifications

### Size

10.5 in x 6 in x 7.5 in x 1.75 in  
(26.5 cm x 15 cm x 19 cm x 4.5 cm)  
(WxHxDxT)

### Weight

Shipping: 2.75 lbs./1.26 kgs.

### Power

Universal wall adapter with power provided to the unused pairs of network cable  
Will comply with standards-based powering being developed by the IEEE and Cisco® Inline Power (optional)

### Headset Capability

4-position modular jack compatible with Plantronics® and GN Netcom® business headsets

### Handset

Hearing aid compatible

### Display

160 x 80 pixel graphical LCD  
Message alert indicator

### Feature Keys

12 configurable feature keys (3 keys with display indicators)  
Predefined hold key  
4 context-sensitive soft keys

### Audio

Individual volume settings for each audio path with visual display feedback  
Hands-free audio modes including speakerphone and headset  
Adaptive jitter buffers to improve speech quality

### Internal Processor

Texas Instruments® Orion Dual Core Processor

### Networking

Dual 10 Base-T or 10/100 Base-T Ethernet ports  
Packet forwarding with voice priority

### Protocol and Feature Support

Flexible software architecture allowing drop-in signaling protocol stacks

ITU-T H.323v3.0 with H.450 Supplementary Services

- Local GUI
- Gatekeeper routed
- Alternate gatekeeper support
- Support for gatekeeper discovery
- Up to 3 call appearances
- H.450.2/3/4/7 (transfer, diversion, hold, message waiting)
- E.164 dialing
- PSTN call progress tones
- Call information

- Call logs
- Local hold and retrieve
- Local call waiting
- Redial
- Speed dial

IETF MGCP v1.0 with feature phone extensions

- GUI support
- Up to three call appearances
- IETF MGCP v1.0
- NCS 102
- Call agent controlled
- Manual call agent address
- Feature phone extensions for feature key and display support

### Codecs

G.711 u/A, G.723.1 or G.729A (Annex B)

### Configuration

Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup  
Time and date synchronization through SNTP  
Server provisioned XML-based user configuration files

### SoundPoint IP Comes With:

Desk stand  
11' CAT 5 network cable with power port  
AC Adapter  
Quick start guide  
Warranty registration card

### Approvals

EMI—FCC Class A Part 15  
Safety—CSA C22.2 No. 950  
Acoustic—ANSI/EIA/TIA 810  
Please visit [www.polycom.com](http://www.polycom.com) for updates

### Part Numbers

SoundPoint IP 400 (10 Base-T Ethernet)  
2200-11000-001  
SoundPoint IP 500 (10/100 Base-T Ethernet)  
2200-11500-001 (Coming Soon)  
North American part numbers only—please call for more information on international products. Specifications subject to change without notice.

### Warranty

One-year parts and labor



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