



## Polycom ViewStation™ SP and SP384

Affordable video communications for small conference rooms



- ▼ Extraordinary value—a fraction of the cost of competing video communication systems
- ▼ High-quality, enhanced video—delivers exceptionally clear images up to 768 kbps over IP
- ▼ Exceptional sound clarity—Polycom's market leading full-duplex digital audio with noise suppression and echo cancellation
- ▼ Hold more natural meetings—unique voice-tracking camera and track-to-preset function focuses automatically on the speaker
- ▼ Embedded Web capabilities—enables remote system management, diagnostics, simple software upgrades, and serves as a powerful presentation tool
- ▼ Easy-to-use system—simple installation and set-up with intuitive graphical user interface

**Video communications is now within the reach of all businesses.** ViewStation™ SP and SP384 from Polycom® delivers high-performance group conferencing in an easy-to-use integrated system ideal for small conference rooms, executive suites and professional offices. Both models implement the most advanced video technology for enhanced video quality. Its video handling is optimized at low bandwidth rates—key to producing exceptionally clear video and quickly delivering 15 fps video at 128 kbps on the ViewStation SP and 30 fps video at 384 kbps on the ViewStation SP384. Additionally, ViewStation SP delivers Polycom's market-leading audio technology for maximum sound clarity during the video-conference.

**The ViewStation SP and SP384** support IP-based videoconferencing, offering the capability to support H.323 calls up to 768 kbps. IPriority™ QoS architecture provides enhanced network and traffic management such as onscreen diagnostics, IP precedence, packet and jitter control and passive asymmetric speed control for video calls over IP. With the introduction and support of this new QoS architecture, Polycom offers the means to communicate more effectively over broadband networks.

**Includes powerful embedded Webconferencing capabilities.** This unique architecture allows system management, diagnostics and software upgrades to be accessed anytime, anywhere. For quick and easy presentations, Microsoft® PowerPoint® slides can be sent to the ViewStation SP or SP384 via the Web from a locally attached or remote PC for display during a videoconference. Use the Polycom SNAP utility for high resolution image capture. Deliver sharp images from your desktop to others on a video call.

**Extend your video communications enterprise.** ViewStation is completely standards-based and interoperable with other video communication systems. With its small footprint, ViewStation SP sits conveniently on top of any size S-video or composite monitor. ViewStation SP and SP384 are affordable and critical communication tools that bring people together so your business or organization can communicate more productively and cost effectively.



**ViewStation SP and SP384—value-priced systems that make video communications an affordable option for any size business. Ideal for small conference rooms and executive suites in numerous applications:**

- ▼ Conduct weekly sales meetings with branch office locations without having to travel
- ▼ Participate in face-to-face, ad hoc meetings with customers, suppliers and business associates even though you are miles apart
- ▼ Human resources management—interview job candidates in different locations and hold staff meetings with branch/divisional offices

**Remote control (standard)**

▼ Operate ViewStation SP or SP384 from anywhere in your conference room with this handy, easy-to-use remote control.



**Extended microphone (standard)**

▼ Use Polycom's extended microphone for even greater sound clarity in any size conference room.



**ViewStation SP or SP384 Technical Specifications**

**Standards Supported**

ITU-T H.320 (px64); H.323

**Video Standards**

H.261, Annex D  
H.263+, Annexes: L,F,T,I

**Other ITU Supported Standards**

H.221 Communications  
BONDING, Mode 1  
H.281 Far end camera control

**Video Resolution**

FCIF; QCIF

**Graphics Resolution**

**Slide Transmission Format**

H.261 Mode: 4 x FCIF

**Graphic Image Capture**

JPEG via web browser

**Frame Rate**

H.320 Calls: 15 fps @ 56 - 320 kbps  
H.320 Calls: 30 fps @ 336 - 768 kbps  
H.323 Calls: 15 fps @ 56 - 320 kbps  
H.323 Calls: 30 fps @ 384 - 768 kbps

**Transmission Speed**

ViewStation Model	H.320 data rates (kbps)	H.323 data rates (kbps)
ViewStation SP	56 - 128	64 - 768
ViewStation SP384	64 - 384	64 - 768

**Video Inputs (NTSC or PAL)**

**Main Camera**

S-Video or composite

**Document Camera or VCR**

S-Video or composite

**Video Outputs (NTSC or PAL)**

**Main Monitor**

S-Video or composite

**Main Monitor Auto-PIP System**

Auto-on, auto-swap, auto-off

**Integrated Main Camera**

**Image Sensor**  
1/3 in IT CCD

**Lens**

12 x Zoom; f=5.4 to 64.8mm  
F=1.8 to 2.7 mm: Auto Focus

**White Balance**

Automatic

**Camera Presets**

10 presets local camera  
10 preset positions far-end camera

**Tracking Technique**

Voice tracking or track to presets

**Audio Standards**

G.728, G.722, G.711  
Polycom Acoustic Plus 716

**Full-Duplex Digital Audio**

Instant adaptation echo cancellation  
Automatic gain control  
Automatic noise suppression

**Audio Inputs/Outputs**

**Digital Microphone**

Headset microphone (option) w/ headset connector  
Main monitor left and right audio-out  
Headset speaker

**Digital Microphone Pod**

Coverage 360°  
Microphones have 3 hypercardioid elements  
Omni - directional coverage

**Remote Management**

Extensive diagnostics and software upgrades via PC, LAN or video call  
Supports Polycom Global Management System™ and Global Address Book

**Ethernet/Internet/Intranet Connectivity**

Supports TCP/IP, DNS, WINS, SNMP, DHCP, ARP, WWW, ftp, Telnet  
10/100 Mbps Ethernet Port  
T.120 Interface with ShowStation® IP, WebStation™ and Microsoft® NetMeeting®

**Webconferencing**

Integrated presentation system supports Microsoft® PowerPoint & NetMeeting  
Polycom SNAP - For high resolution graphics capture  
VGA In with optional scan converter

**Network Interface**

**ISDN Protocols**

NI-1, 5ESS, DMS100, ETSI  
Auto Network Setup  
Auto-SPID and switch detection

**Electrical**

Auto-sense power supply  
Operating voltage/power  
90-260 VAC, 47-63Hz/ 40 watts

**Physical**

**Dimensions**

33cm X 20cm X 15cm

**Weight**

2.7kg (6lbs)

**Languages Supported**

English, French, German, Spanish, Italian, Portuguese, Chinese and Japanese

**Warranty**

One year parts and labor



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