

Polycom ViewStation SP 128

Affordable video communications with basic features and functionality

ViewStation SP 128

- **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.

The Polycom ViewStation SP 128 delivers high-performance group conferencing in an easy-to-use integrated system ideal for small conference rooms, executive suites and professional offices. The SP 128 implements 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 128 and 30 fps video at 384 Kbps on the ViewStation SP 384.



Additionally, both the ViewStation SP 128 and SP 384 deliver Polycom's market-leading audio technology for maximum sound clarity during the video-conference.

The ViewStation SP 128 and SP 384 supports 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 128 or SP3 84 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 inter-operable with other video communication systems. With its small footprint, both the ViewStation SP 128 and SP 384 sit conveniently on top of any size S-video or composite monitor. ViewStation SP128 and SP384 are affordable and critical communication tools that bring people together so your business or organization can communicate more productively and cost effectively.

Polycom ViewStation SP 128 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 @ 336–384 Kbps (SP384 only)
- H.323 Calls: 15 fps @ 56–320 Kbps
- H.323 Calls: 30 fps @ 336–768 Kbps

Transmission Speed

| ViewStation Model | H.320 | H.323 |
|-------------------|-------------------|-------------------|
| | data rates (Kbps) | data rates (Kbps) |
| ViewStation SP128 | 56–128 | 56–768 |
| ViewStation SP384 | 56–384 | 56–768 |

Video Inputs (NTSC or PAL)

Document Camera or VCR (w/external connector)

- 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-Sony EVI-10

Image Sensor

- 1/3 in IT CCD

Lens

- 65° field of view
- 12 x Zoom; f=4.2 to 42 mm
- F=1.85 to 2.9 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

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
- Headset Speaker
- Main monitor left and right audio-out

Line Level input

- RCA

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,™ Global Address Book and SNMP
- Supports Polycom OneDial™

Ethernet/Internet/Intranet Connectivity

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

Collaboration Solutions

- PC Presents for Microsoft® PowerPoint
- Polycom SNAP for high resolution graphics capture
- Visual Concert™ DC
- Visual Concert PC Basic

Global Management System

is an optional, complete web-based management system for your video communication network. It will greatly enhance the experience of video communication users by increasing their first call success rate. It will do this with a much smaller support organization than would otherwise be possible.



The key features are:

- Manage and monitor all your video endpoints with server initiated remote alerts
- Provide a global dialing directory for all Polycom endpoint users
- Keep ViewStation settings and software updated remotely from a server
- Track all calls through CDR history and use for billing or department charge-back

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, 47–63 Hz/40 watts

Physical

Dimensions

- 33cm x 20cm x 15cm

Weight

- 2.7kg (6lbs)

Languages Supported

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

Warranty

- One year parts and labor

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