Polycom ViewStation

High-performance videoconferencing that's easy to use and affordable

▼ **High-quality images—enhanced 15 frames per second video at 128 kbps and 30 fps at 384/512 kbps**

▼ **Exceptional sound quality—hear everything that is said with Polycom's crystal-clear, full-duplex digital audio with noise suppression and echo cancellation**

▼ **Hold more natural videoconference meetings—unique voice-tracking camera and track-to-preset function automatically focuses on the speaker**

▼ **Web-based integrated presentation system—makes it easy to share graphics and slides as part of your videoconference**

▼ **Easy-to-use system—simple installation and set-up with intuitive graphical user interface**

▼ **Embedded Web server and Ethernet hub capabilities— enables remote system management, diagnostics and simple software upgrades via the Internet/Intranet**

A new standard for group videoconferencing systems. Polycom® offers a ViewStation™ model suited to fit any size business. Each delivers high-end group system quality and performance in an easy-to-use, convenient footprint—for a fraction of the price of other systems. ViewStation is ideal for most conferencing applications, providing network connectivity through a variety of protocols and pipelines.

ViewStation is one of the first systems to implement the H.263+ video standard for enhanced video quality up to 30 fps. It's also the first videoconferencing system to include an embedded Web server and Webconference capabilities. For quick and easy presentations, Microsoft® PowerPoint® slides can be sent via the Web, from a locally attached, or remote PC, for display during a videoconference.

ViewStation V.35 delivers up to 768 kbps full-motion video at 30 fps and enables customers on both public and private networks worldwide to deploy ViewStation throughout their organization. Users can connect to external data communications equipment (DCE) over digital networks including BRI, PRI, T1, E1, satellite modems or ATM.

ViewStation H.323 software upgrade enables any ViewStation to support IP-based video-conferencing, offering the flexibility to place either H.320 or H.323 calls from the same ViewStation.

An easy add-on to your current videoconferencing systems, each ViewStation is standards-based and interoperable with other systems. With its small footprint, ViewStation sits conveniently on top of any size S-Video or composite monitor. Additionally, ViewStation delivers Polycom market-leading audio technology, with an extendable microphone, for maximum sound clarity in small to large conference rooms.

POLYCOM®
The new tools of teamwork.

ViewStation—brings powerful videoconferencing to any organization. Ideal for many applications including:

▼ Connected learning or corporate training—deploy instructional materials to remote sites instantly, or bring great lecturers without the time and expense of travel

▼ Human resources management—interview job candidates in different locations and hold staff meetings with branch/divisional offices

▼ Banking/financial videoconferencing—hold virtual loan committee meetings, Ad hoc meetings to discuss market fluctuations, or hold meetings with branch bank locations without having to travel

Remote control (standard)

▼ Operate ViewStation 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 128, 512 and V.35 Technical Specifications

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

Video
H.261, Annex D

H.263+, Annex: L,F,T,I,J,u (proprietary)

Audio
G.728, G.722, G.711

Polycom Acoustic Plus 716

Communications
H.221

Display
Video Resolution
H.261, H.263+ Mode: FCIF 352x288

Graphics Resolution
Slide Transmission Format
H.261 Mode: 4 x FCIF/ Annex-D

Graphic Image Capture
JPEG via Web browser

Transmission Speed

ViewStation Model	H.320 data rates (kbps)	H.323 data rates (kbps)
ViewStation 128	56 - 128	64 - 384
ViewStation 512	56 - 512	64 - 768
ViewStation V.35	56 - 768	64 - 768

Frame Rate
15 fps @ 56 - 336 kbps

30 fps @ 384 - 768 kbps

Video Inputs (NTSC or PAL)
Main Camera
S-Video or composite

Document Camera
S-Video

VCR In (for playback)
Composite

Video Outputs (NTSC or PAL)
Main Monitor
S-Video or Composite

2nd Monitor
S-Video

VCR Out (recording)
Composite

Main Monitor Auto-PIP System
Auto-on, auto-swap, auto-off

Main Voice Tracking 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

Presets
10 presets local camera

10 preset positions far-end camera

Tracking Technique
Voice tracking or track to presets

Full-Duplex Digital Audio
Instant adaptation echo cancellation

Automatic gain control

Automatic noise suppression

Audio Inputs/Outputs
Line Level Input
Unbalanced

Connector
RCA

2 Monitors L&R audio-out

RCA phono

Digital Microphone Pod
Coverage 360°

Microphones have 3 hypercardioid elements

Omni-directional coverage

Integrated Speakerphone
(where approved)
Third-party audio add-in

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 Hub

T.120 Interface with ShowStation® IP, WebStation® and NetMeeting®

Webconferencing Capabilities
Applications Supported
Microsoft PowerPoint and NetMeeting

Network Interface
ViewStation 128 and 512
ISDN protocols support NI-1, 5ESS, DMS100, ETSI

Adtran® Auto-SPID and switch detection

S/T interface NT-1 may be required

ViewStation V.35
V.35/RS-449; Supports direct connect or RS-366 dialing
H.331 broadcast mode

Electrical
Auto-sense power supply

Operating voltage/power

90-260 VAC, 47-63Hz/ 40 watts

Physical
ViewStation Size
33cm X 20cm X 15cm

Weight
2.7kg (6lbs)

Languages Supported
English, French, German, Spanish, Italian, Chinese and Japanese

Warranty
One year parts and labor

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The new tools of teamwork.

Polycom, Inc. 2584 Junction Ave San Jose, CA 95134
1.800.POLYCOM • 1.408.526.9000 • Fax 1.408.526.9100   www.polycom.com