

Polycom ViewStation

High-performance video communications that's easy to use and affordable



- ▼ High-quality enhanced video at 15 frames per second at 128 kbps and 30 fps at 384 to 768 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
- ▼ Standard three year warranty

A new standard for group video communication 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 video communication 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 video conference. Use the Polycom SNAP utility for high resolution image capture. Deliver sharp images from any application on your desktop to others on a video call.

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.

All ViewStation models 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.

An easy add-on to your current video communications 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.



ViewStation—brings powerful video communications to any organization. Ideal for use in medium to large conference rooms for many applications including:

- ▼ Connected learning or corporate training—deploy instructional materials to remote sites instantly, or retain guest lecturers without the time and expense of travel
- ▼ Hold staff, team and committee meetings with associates in different offices

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,H.323,512 and V.35 Technical Specifications

Standards Supported

ViewStation 128,512, V.35

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

ViewStation H.323

H.323

Video Standards

H.261,Annex D

H.263+, Annexes: L,F,T,I

Other ITU Supported Standards

ViewStation 128,512, V.35

H.221 Communications ;BONDING,Mode 1

H.281 Far end camera control

ViewStation H.323

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 128	56 - 128	56 - 768
ViewStation H.323	upgrade req.	64 - 768
ViewStation 512	56 - 512	64 - 768
ViewStation V.35	56 - 768	64 - 768

Video Inputs (NTSC or PAL)

Main Camera

S-Video or composite

Document Camera

S-Video

VCR (playback)

Composite

Video Outputs (NTSC or PAL)

Main Monitor

S-Video or composite

2nd Monitor

S-Video

VCR (Recording/Out)

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

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

Up to 2 pods can be daisy-chained

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 Mbps Ethernet Hub

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

Streaming Capabilities

Streaming supported with optional StreamStation™

Network Interfaces

ViewStation 128 and 512

ISDN protocols support NI-1,5ESS,DMS100,ETSI

Auto network setup

Auto-SPID and switch detection

ViewStation V.35

V.35/RS-449;Supports direct connect or

RS-366 dialing

Supports H.331 broadcast mode

ViewStation H.323

Optional upgrade to 512, MP, V.35,or DCP

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

Three year parts and labor



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