

# Polycom® ViewStation® MP

*Connect up to four locations for productive, natural video meetings*

## **BENEFITS**

- **Multiple site connectivity capabilities over H.320** – enables on-demand connection of up to four sites at 128 Kbps or three sites at 256 Kbps with no outside bridging
- **High-quality, enhanced video** – delivers images from 56 Kbps to full-motion 384/512 Kbps at 30 frames per second
- **Exceptional sound quality** – hear everything that is said with Polycom's crystal-clear, full-duplex digital audio with noise suppression and echo cancellation
- **Web-based integrated presentation system** – makes it easy to include graphics and slides as part of your videoconference
- **Embedded Web server** – enables remote system management, diagnostics and simple software upgrades via the Internet/Intranet
- **Integrated address book** – save time by recording the numbers of frequently dialed multipoint calls
- **Easy-to-use system** – simple installation and set-up with ViewStation's intuitive graphical user interface
- **Display live graphics at 4CIF resolution** – in dual stream mode with the Visual Concert™ PC

*Group videoconferencing is now four times better.* The leading-edge technology in Polycom's, ViewStation MP allows users to call up to four sites at the same time for a productive, natural videoconference. Supporting the industry-leading H.263+ enhanced video standard, ViewStation MP provides crisp, clear video up to 30 fps at 384/512 Kbps.

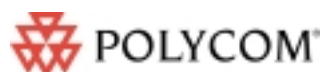
*Innovative yet easy-to-use features help your meetings run more effectively.* Voice-activated switching promotes a natural meeting environment by making it easy to focus on the person who is currently speaking in a multipoint call. Voice-tracking camera and track-to-preset capability focuses on the speaker—not the background noise. Address book dialing and a simple graphical user interface makes ViewStation MP an easy-to-use and effective meeting tool.



*Present information from a laptop or desktop during a video call instantly!* With the Visual Concert PC users have the ability to present any type of information, from a PowerPoint presentation, Word document, web page or proprietary application. Images will be sent in dual stream mode at 4CIF resolution.

The standard Web connectivity software eases IT workload by enabling remote management, diagnostics and software upgrades to be made anywhere, anytime. With the addition of Polycom's Global Management System™ software, IT managers can easily maintain and monitor large-scale ViewStation deployments with minimal resources.

Transform multi-site group videoconferencing from a luxury to an affordable and essential business tool with ViewStation MP. It's ideal for today's competitive global marketplace.



# ViewStation® MP 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

## Communications

- H.221

## Display

### Video Resolution

- QCIF and FCIF

### Graphics Resolution

#### Slide transmission format

- H.261 Mode: 4 x FCIF

#### Graphic Image Capture

- JPEG via web browser

### Frame Rate

- H.320 Calls: 15fps @ 56-320 Kbps
- H.320 Calls: 30fps @ 336-512 Kbps
- H.323 Calls: 15 fps @ 64-320 Kbps
- H.323 Calls: 30 fps @ 336-768 Kbps

### Multi-Point Calling over ISDN

- Local plus three sites @ 128 Kbps
- Local plus two sites @ 256 Kbps

### Video Inputs (NTSC or PAL)

#### 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

### 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

## 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

### Polycom Mic Pod

- RJ-9

### Line Level Input

- RCA

### Main Audio Out, VCR In and Out

- RCA L&R

## Digital Microphone Pod

- Coverage 360°
- Microphones have 3 hypercardioid elements
- Omni-directional coverage
- Optional 2nd mic pod

## Integrated Speakerphone (where approved)

- Third-party audio add-in

## Diagnostics and Remote Management

- Extensive diagnostics and software upgrades via PC, LAN or video call
- Integrated Web interface for direct management
- 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 Mbps Ethernet Hub
- T.120 Interface with Microsoft NetMeeting® and ShowStation® IP

## Collaboration solutions

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

## Network Interface

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

## Auto-ISDN Setup

- Auto-SPID and switch detection

## Transmission Speed

- 56-512 Kbps
- Supports BONDING Mode 1
- S/T interface

## 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 organisation 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

## 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, Portuguese, Norwegian, Chinese and Japanese

## Warranty

- Three year parts and labour

## Certification

- AVVID Verified

## Certification

- AVVID Verified

Polycom, the Polycom logo design and ViewStation are registered trademarks. Visual Concert, Global Management System, ARENA and Polycom OneDial are trademarks of Polycom, Inc. in the U.S. and various countries. All other trademarks are the property of their respective companies.



**Polycom EMEA:**

270 Bath Road, Slough, Berkshire SL1 4DX, (T) +44 (0)1753 723000, (F) +44 (0)1753 723010

**Polycom, Inc.:**

4750 Willow Road, Pleasanton, CA 94588 (T) 1.800.POLYCOM (765.9266) for North America only, For North America, Latin America and Caribbean (T) +1.925.924.6000, (F) +1.925.924.6100

**Polycom Hong Kong Ltd.:**

Polycom Hong Kong Ltd., Rm 1101 MassMutual Tower, 38 Gloucester Road, Wanchai, Hong Kong, (T) +852.2861.3113, (F)+852.2866.8028

www.polycom.com

©2002 Polycom, Inc. All rights reserved. Part No. 3726-06385-002. 09/02