ViewStation MP

Multi-Point Group Videoconferencing System Delivers Up to Four Sites on a Videoconference Call



Group videoconferencing is now four times better. Thanks to leading-edge technology from Polycom®, ViewStation TM MP offers the ability, on demand, to easily call up to four sites for a continuously present videoconference call.

Supporting the industry-leading H.263+ enhanced video standard, ViewStation MP provides crisp, clear video up to 30 frames per second at 384/512 kbps. Additionally, ViewStation MP delivers Polycom's Acoustic PlusTM 716 market-leading audio technology for maximum sound clarity in small to large conference rooms.

ViewStation MP provides several innovative yet easy-to-use features that are designed to 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 multi-point call. ViewStation MP's voice-tracking camera and track-to-presets capability focuses on the speaker not background noise. Address book dialing and a simple graphical user interface makes ViewStation MP an easy-to-use and effective meeting tool.

With its embedded web server, the ViewStation MP can easily be connected to a PC so that PowerPoint presentations can be shown. This unique feature enables remote management, diagnosis and software upgrades to be made anywhere, anytime. ViewStation MP also supports Microsoft NetMeeting for data collaboration.

ViewStation MP is fully interoperable with existing videoconferencing systems and supports all H.320 compatible systems for multi-site calls. With its small footprint, about the size of this sheet of paper, it sits conveniently on top of any size, S-video or composite monitor.

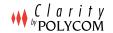
ViewStation MP is transforming multi-site group videoconferencing from a luxury to an affordable and essential business tool. It is easy-to-use and ideally suited for today's competitive global marketplace when four views are better than one.

- ▼ ViewStation MP delivers high-quality, enhanced video from 56 kbps to 384/512 kbps supporting up to 30 frames per second. The integrated multi-point capability enables up to four sites at 128 kbps or three sites at 256 kbps.
- ViewStation MP multipoint conferencing options expand ease of use with voice-activated switching, continuous presence, and conference style preference settings providing greater flexibility and control in meetings.
- Polycom's market leading full-duplex digital audio with noise suppression and echo cancellation almost instantly adapts to the characteristics of your conference room for exceptional sound clarity.
- Unique voice-tracking camera and track to preset capabilities automatically focus on the speaker while ignoring background noise.
- ▼ Innovative codec architecture gives ViewStation MP the shortest delay time in the industry.
- ▼ Friendly graphical user interface enables the system to be easy-to-use. The address book provides an easy way to set up frequently dialed multi-point calls.
- ▼ Embedded Web server and Ethernet hub provide capabilities for remote system management and diagnostics and simple software upgrades via the Internet/Intranet.
- Web-based integrated presentation system provides a convenient and reliable way to display presentations from local or remote connections.
- ▼ Automatic network features provide simple installation and set-up.



ViewStation™ MP

Technical Specifications



Video Algorithms Supported

ITU-T H.320 (px 64); H.323-ready

Video H.261, H.263+

Audio G.728, G.722, G.711, Acoustic Plus[™]716

Enhanced Audio

Display

Format NTSC or PAL

Dual or single monitor Auto cable sensing for second monitor

Auto-PIP system Auto-on, Auto-swap, Auto-off

Composite connector RCA phono Mini-DIN S-Video

Video Resolution

H.320 FCIF 352×288 pixels

QCIF 176 × 144 pixels

Frame Rate

30 fps @ 336 kbps and above

Multi-Point Calling (H.320)

Number of Sites - Calling speeds 3 sites @ 256 kbps, 4 sites @ 128 kbps

4 × CIF continuous presence Voice activated switching

H.320 Standards based Compatible with any H.320 endpoint

Main Camera

Image sensor 1/3 in IT CCD

Tracking technique Voice tracking and track to presets 16 ft (5 m) optional, 28 ft (8 m) Speaker distance recommended maximum

Speaker location ±45° from center optimal ±90° from center maximum

Auxiliary Input/Output

Document camera S-Video VCR input Composite Second camera S-Video Second monitor S-Video

Full Duplex Digital Audio

Instant adaptation echo cancellation <100 ms Automatic Gain Control (AGC) Max. gain 12dB Automatic Noise Suppression (ANS) -20 dB

Surround Digital Mic Pod

360° Coverage

50 Hz-7.0 kHz Frequency response

Mute button

3 hypercardioid elements

Digital mic input for 2nd mic pod RJ-9 connector Dual microphone (option)

Audio Performance

G.722 50 Hz-7.0 kHz G.728 50 Hz-3.4 kHz G.711 50 Hz-3.4 kHz

Integrated Speakerphone (where approved)

Third party audio add in

Diagnostics and Remote Management

Via Web Browser SNMP In Room Power up self test Yes Yes Diagnostics/Configuration Yes Yes Yes Place call Yes Yes Call monitoring Yes Yes Yes Error logging Yes Yes Low battery indicator on remote Yes Yes

Ethernet/Internet/Intranet Connectivity

TCP/IP, DNS, WINS, SNMP, Standards supported BOOTP, RARP, WWW, ftp

2 port 10 Mbps Ethernet hub 2 RJ-45 connectors

T.120 interface with ShowStation®IP

User Interface

Hand-held grip sensitive remote Infrared

On-screen user interface Graphical and anticipating Web browser interface Microsoft® Internet Explorer™, Netscape NavigatorTM

Integrated Presentation System

Microsoft®, PowerPoint®, MS Net Meeting™ Applications supported

In-room laptop PC connection RJ-45 connector Remote Internet/Intranet connection Web browser

Transmission Speed

56 kbps - 512 kpbs Standard

Communications

Auto-ISDN setup Auto-SPID, AdtranTM switch detection Auto-IP

Auto address detect & configure

S/T-Interface

Physical connector RJ-45 connector

S/T-interface External NT-1 may be required

Electrical

Auto-sense power supply

Operating voltage 90-260 VAC, 47-63 Hz

Power consumption

Environmental

Operating

Temperature 0° to 35° C Humidity 15% to 80%

Non-operating

Temperature -40° to +70° C Humidity 10% to 90% Ambient noise <40 dBA SPL Minimum lighting 7 lux Recommended lighting >300 lux

Physical

13 in (33 cm) \times 8 in (20 cm) \times 6 in (15 cm) Size

Weight 6 lbs (2.7 kg)

Warranty

1 year parts and labor

Languages Supported

English, German, French, Spanish, Italian

