ViewStation
High-Performance Group Videoconferencing
That's Easy To Use and Amazingly Affordable.

Setting a new standard for group videoconferencing systems, ViewStation™ from Polycom® delivers high-end group system quality and performance in an easy-to-use, convenient footprint — for a fraction of the price of other high-end group systems.

ViewStation is one of the first systems to implement the H.263 video standard for enhanced video quality. It also supports up to 30 frames per second for full motion video. Additionally, ViewStation delivers Polycom market-leading audio technology, for maximum sound clarity in small to large conference rooms.

With its precedent-setting design, ViewStation is the first videoconferencing system to include an embedded Web server and Web-based integrated presentation system. 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 via the Web, from a locally attached, or remote PC, for display during a videoconference.

Fully interoperable with existing videoconferencing systems, ViewStation integrates quickly and seamlessly into your current infrastructure. And with its small footprint, about the size of this sheet of paper, ViewStation sits conveniently on top of any size S-Video or composite monitor.

ViewStation is transforming group videoconferencing from a luxury item into an affordable and essential business tool ideally suited for today's global marketplace — and the way you work.

- ViewStation delivers high-quality, enhanced 15 fps video at 128 kbps and 30 fps at 384 kbps/512 kbps.
- 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 automatically focuses on the speaker while ignoring background noise for smooth meeting interactions.
- Innovative codec architecture gives ViewStation the shortest delay time in the industry, enabling a more natural meeting.
- 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.
- Friendly graphical user interface makes the system easy to use.
- Auto-ISDN and Auto-IP features provide quick installation and setup.
- Comprehensive videoconferencing capabilities create an extraordinary value at a fraction of the cost.
Technical Specifications

Video
Algorithms supported
ITU-T H.320 (px64); H.323-ready
Video H.261, H.263
Audio G.728, G.722, G.711
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
S-Video Mini-DIN
Video Resolution H.320 FCIF 352 × 288 pixels
QCIF 176 × 144 pixels
Frame Rate
15fps @ 56 kbps/336 kbps
30fps @ 384 kbps/512 kbps
Main Camera
Image sensor 1/3" in IT CCD
Tracking technique Voice tracking
Speaker distance 16 ft (5m) optimal, 28 ft (8m) 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 <100ms
Automatic Gain Control (AGC) Max. gain 12dB
Automatic Noise Suppression (ANS) -20 dB
Surround Digital Mic Pod
Coverage 360°
Frequency response 50 Hz-7.0 kHz
Mute button
Mics
3 hypercardioid elements
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
Third party audio add in

Diagnostics and Remote Management
In Room Via Web Browser SNMP
Power up self test Yes Yes Yes
Diagnistics/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
Standards supported TCP/IP, DNS, WINS, SNMP,
BOOTP, RARP, WWW, ftp
2 port 10Mbps Ethernet hub
T.120 interface with Microsoft NetMeeting® and ShowStation® IP

User Interface
Hand-held grip sensitive remote
On-screen user interface
Web browser interface

Integrated Presentation System
Applications supported Microsoft® PowerPoint®
In-room laptop PC connection RJ-45 connector
Remote Internet/Intranet connection Web browser

Transmission Speed
ViewStation 128 56 kbps - 128 kbps
ViewStation 512 56 kbps - 512 kbps

Network Interface
Auto-ISDN setup Auto-SPID, auto-switch type detect
Auto-IP Auto address detect & configure
S/T-Interface
Physical connector RJ-45 connector
S/T-interface NT-1 may be required

Electrical
Auto-sense power supply
Operating voltage 90-260 VAC, 47-63 Hz
Power consumption 40 watts

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
Size 33 cm (13 in) × 20 cm (8 in) × 15cm (6 in)
Weight (2.7kg) 6 lbs.

Warranty
1 year parts and labor

Languages Supported
English, German, French, Spanish, Italian

Auto-ISDN and Auto-SPID detect are powered by Clarity.

Polycom, Inc., 2584 Junction Ave, San Jose, CA 95134-1902 USA
Telephone 1.408.526.9000 or toll-free 1.800.POLYCOM Facsimile 1.408.526.9100 Internet http://www.polycom.com

Polycom® and the Polycom logo design and ViewStation are registered trademarks of Polycom, Inc. in the U.S. and various countries. All other trademarks acknowledged. © 1997-1998 Polycom, Inc. All Rights Reserved. Specifications subject to change without notice.