

# 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) optional, 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
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

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

2 RJ-45 connectors

### User Interface

Hand-held grip sensitive remote

Infrared

On-screen user interface

Graphical and anticipating

Web browser interface

Microsoft® Internet Explorer,

Netscape Navigator™

### Integrated Presentation System

Applications supported

Microsoft® PowerPoint®

and NetMeeting®

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 



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>