

Polycom® VideoPlus™

Revolutionary multipoint video conferencing



Highlights

Unique multinetwork solution – Connect any H.320 and/or H.323 endpoint over any network

Full, automatic transcoding – Endpoints connect at their optimal capabilities

Customize your meeting with advanced Continuous Presence – Choice of 27 different layouts, custom background colors, custom borders, and custom speaker highlights

Personalize your video conferencing experience with Click&View – Manage your personal view of the conference from any endpoint with a simple, intuitive interface

Data collaboration support – Choice of People+Content™, WebOffice™ or T.120 data collaboration, ISDN, or IP

Polycom takes multipoint video conferencing to a new level with the premier, reliable and easy-to-use video conferencing solution, including Polycom's revolutionary Click&View™ that enables conference participants to manage their personal view of the conference video. Built on the multinetwork MGC platform, Polycom VideoPlus leads the industry in seamless support of ISDN and IP video conferencing.

Polycom VideoPlus delivers premier video quality with low latency and high fidelity 14 kHz audio to create a meeting at a distance that is more natural, more spontaneous. Revolutionary IVR/DTMF control of personal video layouts with Click&View and all VoicePlus features such as roll call, Q&A and voting/polling from any video endpoint takes videoconferencing to a new, more productive level.

The unique, robust conferencing experience that Polycom VideoPlus delivers with powerful collaboration options such as People+Content and WebOffice helps make videoconferencing an essential added value to the meeting.

The IP/ISDN choice for The Polycom Office™

With integrated video, voice, data, and Web capabilities, The Polycom Office is the only solution that offers you an easy way to connect, conference, and collaborate any way you want. The Polycom Office is our commitment to making distance communications as natural and interactive as being there. Work faster, smarter, and better with Polycom VideoPlus and The Polycom Office.



Video

Connect. Any Way You Want.

Polycom VideoPlus Specifications

Audio support

- G.711a, G.711u, G.722, G.722.1, G.723.1, G.728, Siren 7, Siren 14

Video support

- H.261, H.263, H.264*

Network interface support

- 10/100 Mbps Ethernet
- 2 PRI Interface ISDN & Dedicated, T1/E1
- 4 PRI Interface ISDN & Dedicated, T1/E1
- 8 PRI Interface ISDN & Dedicated, T1/E1
- V.35/RS-449/EIA-530

MGC 25 chassis dimensions

- Height 2U
- Width 19 inches
- Depth 17.5 inches
- Power 100-240 VAC, 50/60Hz

MGC 50 chassis dimensions

- Height 40.8 cm (16 inches)
- Width 38.1 cm (15 inches)
- Depth 50.2 cm (19 inches)
- Optional 19-inch rack mount kit
- 8 Slot Chassis Power
 - 120-230 VAC, 50/60 Hz

MGC 100 chassis dimensions

- Height 40.8 cm (16 inches)
- Width 58.4 cm (23 inches)
- Depth 50.2 cm (19 inches)
- 16 Slot Chassis Power
 - 3 load sharing 110-240 VAC, 50/60 Hz, -48 DC
- NEBS Level 3 Compliance with special-order systems

The best ISDN and mixed ISDN/IP video solutions

Polycom VideoPlus is the industry leader in multipoint ISDN and mixed ISDN/IP video conferencing. Full and automatic transcoding of all conferencing parameters enables Polycom VideoPlus to deliver unsurpassed conferencing reliability an optimum performance of each video endpoint.

The total shared resource architecture of MGC hardware and software resources ensures that all ISDN, IP and mixed video conferences can be supported with the same level of robust conferencing features.

The best IP video solution

Since many video conferencing users are migrating to IP or implementing IP-only video networks, Polycom has developed video multipoint features specifically for IP networks. Features such as software Continuous Presence and QoS are included with Polycom's multipoint IP solutions, delivering enhanced support for IP conferencing. Also, to ensure interoperability with Cisco Networks, Polycom's Video MCU is certified on the IP video conferencing solutions track Cisco AVVID Partner Program.

Polycom VideoPlus features

Personalize your experience with Click&View

Polycom's revolutionary Click&View feature empowers each participant in a Continuous Presence (CP) conference to select their personal CP layout to view during a conference using their endpoint keypad or keyboard. An intuitive GUI provided by the Polycom MGC enables conference participants to:

- Change the conference CP layout
- Change your personal CP layout
- Return to the conference or previous personal layout
- Request operator assistance

Customize your meeting with advanced Continuous Presence

Continuous Presence allows you to view multiple sites on the screen simultaneously, making your video conferences seem more like face-to-face meetings.

Polycom advanced Continuous Presence features

- Available for any network type – IP or ISDN
- 27 different layouts available including self-view layout and same-view layout
- Landscape or portrait layouts
- Customizable video borders, speaker highlight, and background colors
- Change layouts on the fly
- Modify each Continuous Presence window - either fix a site into a particular window or allow the window to be voice activated
- Supported in lecture mode
- Supports sites running up to 30 fps
- Low video latency

IP Continuous Presence

IP Continuous Presence comes standard with every IP Video MCU;

- Two layouts available: 2-way and a traditional quad layout
- Flexible layouts – Change layouts on the fly
- Flexible windows – Fixed windows or voice-activated windows
- High-quality IP Continuous Presence with 30 fps support
- Conference capacity up to the IP port capacity
- T.120 support

Lecture mode provides flexibility Lecture mode allows the lecturer to view all the participants of the conference while the participants view only the lecturer for a more face-to-face meeting experience.

Simplify conferencing with Virtual Conference Suite

Virtual Conference Suite is a set of features that simplifies conferencing and provides users with reservationless conferencing capabilities.

Virtual Conference Suite features

- **Meeting room** – Resources on the MCU are available to the user whenever they need to have a conference. This allows end users to have reservationless/ad hoc meetings without reserving resources on the MCU in advance.
- **Single number per conference** – The MCU will set aside one number for the conference instead of giving each participant or site a different dial-in number.
- **Auto-detect** – Detect participant capabilities without predefining the conference.
- **Auto-extend** – If the sites in a conference have not disconnected from the call, the MCU will automatically extend the conference.
- **Auto-terminate** – If all the sites in the conference have disconnected, the MCU will terminate the conference and free up the resources.

Unified Conference Suite features

- **Virtual Conference Suite** - Meeting room, single number per conference, auto-detect, auto-extend and auto-terminate are all included in the Unified Conference Suite.
- **IVR/DTMF interface** for all video conferencing endpoints to the full set of VoicePlus conferencing features, including roll call, security PIN codes, request for operator assistance, Q&A sessions and voting/polling sessions.
- **Greet & Guide** entry queue for audio and video greetings when entering the conference.

Presentation and collaboration options

- **People + Content** – Enables all conference participants to simultaneously view both people and high resolution content.
- **Polycom WebOffice** – Polycom VideoPlus provides unique integration with Polycom WebOffice that enables Web-based presentation and collaboration and ISDN, IP or mixed video conferencing with a simple point and click of a VideoPlus icon on the WebOffice window.
- **T.120 data collaboration**
T.120 Data Collaboration is an integrated solution within the MGC Platform, requiring no additional server. Data Collaboration with T.120 allows users to share applications and documents in real time during your video conference.
 - Available for mixed network videoconferences (IP and ISDN)

Conference Scheduling and Management

- **MGC Manager** - Powerful system operator tool to support conferences and system administration
- **WebCommander** - Web browser based end user tool to schedule and manage conferences, includes Microsoft Outlook interface

©2003 Polycom, Inc. All rights reserved.

Polycom and the Polycom logo are registered trademarks and The Polycom Office, VideoPlus, WebOffice and Click&View are trademarks of Polycom, Inc. in the U.S. and various countries. All other trademarks are the property of their respective companies.

Specifications subject to change without notice.



POLYCOM® North America:

www.polycom.com

Polycom EMEA:

Polycom Hong Kong Ltd.:

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

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

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

Part No. 3726-07395-001 Rev. 02/03