



PRODUCT BROCHURE

Polycom® RealPresence® Group Series



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Effective group collaboration has never been more important in business communication. Geographically dispersed teams need to get more done with fewer resources. Video collaboration is a critical tool for making group meetings more productive, breaking down distance barriers and pushing the greatness of human collaboration forward.

The Polycom® RealPresence® Group Series brings a new standard of efficiency and productivity to your group collaboration. It combines great video experiences and a new breakthrough simple interface with the broadest interoperability and lowest total cost of ownership of any video collaboration system.

Best-in-class experiences

The RealPresence Group Series sets a new standard for ease of use in video collaboration. The breakthrough user experience is easy for even first time users with no need for training. Backed by years of customer research, Polycom's new user interface speeds up the adoption of video communications, and reduces support costs for IT administrators.

Polycom offers multiple ways to control video calls. Breakthrough Polycom® SmartPairing™ technology makes it simple to use your own tablet to start and manage video calls. The optional Polycom® Touch Control provides an intuitive graphical touch interface on a seven-inch, high resolution screen. Or use the simple remote control to navigate the easy on-screen interface. Intuitive menus, written in a natural conversational language, make it easy to start a call and help personalize the experience to get the most out of video meetings.

Video collaboration is the new way of working, transforming the way organizations communicate. Clear, vibrant visuals and flawless audio are critical to replicating an "in the same room" experience. With the RealPresence Group Series, Polycom sets a higher bar for video and audio performance. Seeing your participants in 1080p60 (full High Definition at 60 frames per second) brings video to a new level of realism. The results are users who eagerly look to add video to their daily communications, a wider and more rapid adoption rate, and improved communication effectiveness.

During video calls, how well you hear is as important as how well you see. Polycom® Constant Clarity™ is a set of industry-leading audio technology that dramatically improves the sense of realism. One element is conversational stereo, which makes it much easier to distinguish between multiple speakers, especially when they are talking at the same time. Additionally, the Polycom® Lost Packet Recovery™ (LPR™) technology protects the whole experience by helping to ensure great quality even when experiencing network issues.

In group collaboration, the quality of the content being shared is as important as the quality of the people on video. Content that is grainy, pixilated, or slow to update makes it hard to get the most out of your meetings. RealPresence Group Series supports content at up to 1080p60, helping to eliminate compromises when sharing across distances.

Unmatched interoperability

A video collaboration solution is only as valuable as the number of other systems that it can call. The RealPresence Group Series offers the broadest interoperability of any video collaboration solution. Being fully standards-based, you can call millions of other standards-based video systems in use today. In addition, native interoperability with leading unified communications (UC) platforms means that video calls



easily fit with the way you already communicate. This native interoperability, without expensive and complex gateways, extends the benefits of your UC platform investment while simplifying the experience for users. RealPresence Group Series also offers TIP support for direct connection to non-standards-based Cisco environments.

Emerging Scalable Video Coding technology makes video collaboration more resilient to challenging network conditions while lowering your infrastructure costs. Many SVC products that are based on proprietary technology lock customers into only using specific vendor equipment. Polycom's unique interoperable SVC architecture is the first to provide video calling between both existing video systems and new SVC systems. This unique approach delivers unmatched investment protection and avoids "video islands" that lock you into only calling other like systems. Polycom's approach introduces SVC into standards-based environments for the best of both worlds.

Lowest total cost of ownership

With the Polycom Group Series, we continue to lower your total cost of ownership of video collaboration. The benefits of H.264 High Profile technology now extend to 1080p60 experiences for whole new levels of realism at up to 50 percent less bandwidth. For existing Polycom customers, the RealPresence Group Series allows you to continue to use previous investments in Polycom technology, including select cameras, microphones, and UC innovations such as Polycom® EagleEye™ Director and Polycom® Touch Control.

Polycom® RealPresence® Platform

Using RealPresence Group Series with the Polycom RealPresence Platform increases the effectiveness and productivity of visual communications. The RealPresence Platform acts as the unifying hub in your unified communications environment and works through open standards-based interoperability with communications and business applications from hundreds of vendors. The five pillar platform makes video and voice collaboration simple in any environment: Universal Video Collaboration, Video Resource Management, Virtualization Management, Universal Access and Security, and Video Content Management. Visit www.polycom.com for more details.

Services for Polycom® RealPresence® Group Series

Polycom and our Certified Service Partners provide several tiers of support service, allowing you to choose the services appropriate for your video collaboration solution and budget. AdvancedAccess Service provides priority access to the AdvancedAccess team of Video specialists, an Assigned Service Engineer who is familiar with your solution and access to technical support when you need it, 24x7. Elite Support provides peace of mind to the managers of mission-critical conferencing environments through access to a dedicated team of collaboration experts who proactively maintain and monitor your system.

Polycom® RealPresence® Group 700

For board rooms, lecture halls, and other environments where only the best will do, the RealPresence Group 700 offers you extreme video collaboration performance and flexibility. Simultaneous 1080p60 video and content sharing heightens clarity and realism for more effective meetings. Powerful video processing and flexible input and output options make it ideal for rooms with complex requirements such as multiple displays, cameras, and content sources. The intuitive interface that comes standard on all RealPresence Group products makes it easy for even your most novice users to control the system and get the most out of their video collaboration experience without difficulties.

Polycom® RealPresence® Group 500

For conference rooms and your other meeting environments, the RealPresence Group 500 delivers powerful video collaboration performance in a sleek design that is easy to configure and use. Support for dual monitors and multiple options for sharing content make it an ideal fit for most standard-sized meeting rooms. Single-cable connections for video and audio simplify setup, while the small, sleek design allows for discreet placement of the device. Plus, the small design makes it ideal for mobile applications, whether moved to different locations within a building or used as part of your mobile video kit.

Polycom® RealPresence® Group 300

RealPresence Group 300, combined with the innovative Polycom® EagleEye™ Acoustic camera, set a new standard for high quality video at a breakthrough price for smaller meeting rooms, huddle rooms, and offices. Single-cable connections to the camera and display simplify setup, and sharing content is easy with the Polycom® People+Content™ IP application. Its sleek design is easily hidden away, or can be taken outside the room or building for mobile applications.



	RealPresence Group 700	RealPresence Group 500	RealPresence Group 300
Video and audio performance*			
1080p 60fps video from 1.7 Mbps	•	•	•
1080p 30fps video from 1 Mbps	•	•	•
720p 60fps video from 832 Kbps	•	•	•
720p 30fps video from 512 Kbps	•	•	•
4CIF 60fps video from 512 Kbps	•	•	•
4CIF 30fps video from 128 Kbps	•	•	•
Polycom® HD Voice™ audio to 22 kHz	•	•	•
Video inputs			
HDCI (Camera)	2	1	1
HDMI	3 (HDMI 1.4)	1 (HDMI 1.3)	
VGA	1	1	
Component (YPbPr)	1		
Video outputs			
HDMI	3 (HDMI 1.3)	2 (HDMI 1.3)	1 (HDMI 1.3)**
VGA	3		
Simultaneous video output signals	3	2	1**
Audio inputs			
HDCI (Camera)	2	1	1
HDMI	3	1	
ConferenceLink2 (Polycom microphones)	2	1	1
ConferenceLink2 devices supported	3	2	2
RCA line-in	2		
3.5mm stereo line-in		1	
Audio outputs			
HDMI	1	1	1
RCA pair stereo line-out	1		
3.5mm Stereo line-out		1	1
Connectivity			
Ethernet (10/100/1G)	2	1	1
USB	3	2	2
RS-232	DB9	Mini-DIN 8-Pin	Mini-DIN 8-Pin

	RealPresence Group 700	RealPresence Group 500	RealPresence Group 300
MultiPoint (via optional license key)			
Max. SD connections	8	6	
Max. HD connections	4	4	
Content sharing*			
Polycom® People+Content™ / H.239 via HDMI/VGA content inputs	•	•	
H.239 via Polycom® People+Content™ IP	•	•	•
1080p60fps content transmit	•	•	
1080p60fps content receive	•	•	•
Simultaneous 1080p video/content (one 30fps, one 60fps)	•	•	Receive Only
Simultaneous 1080p60 video and content	•		
Additional features			
Polycom® EagleEye™ Director Camera	•	•	•
Polycom® Touch Control	•	•	•
Polycom® SoundStation® IP 7000 Integration	•	•	•
Polycom® SoundStructure® Integration	•	•	•
API support	•	•	•
Optional RTV, TIP integration	•	•	•

* 1080p option required for 1080p video and content

** Second HDMI output can be enabled via optional license key

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www.polycom.com/polycom-capital

About Polycom

Polycom is the global leader in open standards-based unified communications and collaboration (UC&C) solutions for voice and video collaboration, trusted by more than 415,000 customers around the world. Polycom solutions are powered by the Polycom® RealPresence® Platform, comprehensive software infrastructure and rich APIs that interoperate with the broadest set of communication, business, mobile and cloud applications and devices to deliver secure face-to-face video collaboration in any environment.

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