

# Polycom® V700

## Features and Benefits



<b>Audio</b>	
G.722.1 Annex C (based on Polycom Siren™ 14)	<ul style="list-style-type: none"> <li>• 14 kHz crystal clear, wideband audio, while only using 24-48 Kbps of bandwidth, depending on the data rate of the call</li> <li>• Eliminates fatigue associated with straining to hear every word</li> <li>• Near CD-quality sound for dynamic audio performance</li> <li>• Superb clarity to hear the subtleties of every word</li> <li>• Rated the best audio algorithm in the industry; outperforming MPEG4 in all tests</li> <li>• Included with every VSX and V-series system</li> <li>• For more detailed information, see <a href="http://www.polycom.com/siren14">www.polycom.com/siren14</a></li> </ul>
Polycom StereoSurround™	<ul style="list-style-type: none"> <li>• 2 channels of 14 kHz crystal clear audio</li> <li>• Superb clarity to hear the subtleties of every word</li> <li>• Easily decipher multiple, simultaneous conversations</li> <li>• Distinguish which side of the room people are talking from, just like in a real meeting</li> </ul>
Audio Error Concealment	<ul style="list-style-type: none"> <li>• Reduced audio drop-out on busy IP networks</li> <li>• Smooth, consistent verbal communications without interruptions</li> <li>• Corrects audio from any system seamlessly</li> <li>• Activates automatically, only when needed</li> </ul>
<b>Video</b>	
H.264 Video	<ul style="list-style-type: none"> <li>• Use less bandwidth to conduct video calls of equal quality compared to calls using H.263 standard</li> <li>• Unparalleled video quality for lower line rate applications</li> <li>• More bandwidth is available for other business</li> <li>• Cost savings to any organization</li> <li>• Supported at data rates from 64Kbps to 768Kbps</li> </ul>
Pro-Motion™ H.263 – Receive only	<ul style="list-style-type: none"> <li>• Full-screen, TV-like video quality with fluid, precise motion handling</li> <li>• Greater image detail with 50/60 fields per second</li> <li>• Most natural video communications experience possible</li> </ul>
Video Error Concealment	<ul style="list-style-type: none"> <li>• Reduced video drop-out on busy IP networks</li> <li>• Smooth, continuous video without interruptions</li> <li>• Maintain active face-to-face contact</li> <li>• Accomplish meeting objectives without worrying about the video integrity</li> <li>• Activates automatically, only when needed</li> </ul>
<b>Content Sharing</b>	
People+Content IP	<ul style="list-style-type: none"> <li>• Simply input the IP address of your V700 into a small utility and PC content is easily shown to all conference participants</li> <li>• This feature can be used by anyone in the conference, even voice-only participants!</li> </ul>
Adjustable Bandwidth for Content	<ul style="list-style-type: none"> <li>• Choose the amount of bandwidth to dedicate to Content or People</li> <li>• Options include 90% Content/ 10% People; 50% Content/ 50% People; 10% Content/ 90% People</li> <li>• User adjustable setting can be accessed both during a call and prior to a call</li> </ul>

## User Interface

Calendar & Call Scheduler	<ul style="list-style-type: none"><li>• Quick and easy access to a monthly calendar with current date and time posting</li><li>• Schedule individual or repeat meetings to dial automatically</li><li>• Create and save multipoint team meetings</li></ul>
Customizable Home Page	<ul style="list-style-type: none"><li>• Display only the necessary buttons</li><li>• Unique design to meet your organization's needs</li><li>• Simplified graphical interface for novice users</li><li>• Easy to understand icon driven menu navigation decreases learning curve</li><li>• Kiosk Mode allows you to create a look and feel that suits your application</li><li>• Leads to increased use of video</li></ul>
Dual Monitor Emulation	<ul style="list-style-type: none"><li>• Use Dual Monitor Emulation for the most efficient use of a single display</li><li>• View near and far video windows at the same time</li><li>• Alternate layout views supporting near end, far end and content</li></ul>
User Selectable Camera Icons	<ul style="list-style-type: none"><li>• Use icons that represent your industry</li><li>• Intuitive icons match the input device</li><li>• Custom name gives the icon clear meaning</li><li>• Selection – 5 libraries to choose from</li><li>• Decreases learning curve</li></ul>

## Platform Versatility

Integration with Microsoft® Live Communications Server (LCS) via SIP	<ul style="list-style-type: none"><li>• Integrates directly with Microsoft collaboration infrastructure</li><li>• Registers and authenticates with Microsoft LCS 2005</li><li>• Users can be added to Microsoft Communicator Presence information sent to LCS indicating video buddies' availability</li><li>• You can use your Buddy list to launch calls from the V700 user interface</li></ul>
Completely integrated, all in one system	<ul style="list-style-type: none"><li>• Includes 17" display perfect for full screen viewing of remote and Picture-in-Picture for near end video</li><li>• Integrated stereo microphones and speakers eliminates the need for table top microphones and external speakers</li><li>• Supports Polycom StereoSurround</li></ul>
Also functions as PC Display	<ul style="list-style-type: none"><li>• Use as a high resolution (SXGA) display for a local PC connection and save space within the office</li><li>• PC audio can be connected to the V700 so the built-in speakers or headphones can reproduce the PC audio</li></ul>
Advanced Encryption Standard (AES)	<ul style="list-style-type: none"><li>• Communications are confidential and secure</li><li>• Authentication by the National Institutes of Standards means it's credible</li><li>• Built-in, no extra hardware or software is required</li></ul>
H.460 NAT/Firewall Traversal	<ul style="list-style-type: none"><li>• Standards compliance for traversing NATs and Firewalls</li><li>• Session border controller (V2IU) is only needed at the central location and all VSX systems with H.460 can communicate through the single V2IU</li><li>• Uses H.460.18 for signaling traversal and call establishment and H.460.19 for media traversal</li></ul>
E-Mail dialing format when dialing across IP security boundaries	<ul style="list-style-type: none"><li>• Easy and intuitive E-mail video dialing</li><li>• Operates with Polycom's V2IU™ Firewall Traversal Appliance</li><li>• Deployable to wide range of customers, suppliers and partners</li></ul>

## Interoperability

Part of Polycom's Unified Collaborative Communications	<ul style="list-style-type: none"><li>• Remote management through Global Management System™</li><li>• MGC Click &amp; View™ offers a variety of layout templates for a multi-point call right from the system's handheld remote</li><li>• Extended conferencing with Polycom PathNavigator™</li><li>• Schedule, invite participants and manage conferences easily with Polycom Conference Suite</li><li>• Use the Polycom SE200 for management, scheduling and gatekeeping</li></ul>
Configurable MTU packet size	<ul style="list-style-type: none"><li>• Allows administrators to set the MTU packet size, based on needs of their network</li><li>• Optimizes packet size minimizing overhead and network congestion</li><li>• Default setting is 1260</li></ul>
Standards-based	<ul style="list-style-type: none"><li>• Solid, reliable platform</li><li>• Qualified by independent test labs</li><li>• Interoperates with other vendor's systems</li><li>• Easy to install even in a multi-vendor environment</li></ul>
Baseline Mode	<ul style="list-style-type: none"><li>• Set your system to baseline mode, H.261 and G.711, for maximum interoperability with legacy video conferencing systems</li><li>• Accessible via web, FTP or on-screen UI for easy access by the network administrator</li><li>• Can be turned on and off as needed</li></ul>