Polycom® V700

Features and Benefits

	Audio
G.722.1 Annex C (based on Polycom Siren™ 14)	• 14 kHz crystal clear, wideband audio, while only using 24-48 Kbps of bandwidth, depending on the data rate of the call • Eliminates fatigue associated with straining to hear every word • Near CD-quality sound for dynamic audio performance • Superb clarity to hear the subtleties of every word • Rated the best audio algorithm in the industry; outperforming MPEG4 in all tests • Included with every VSX and V-series system • For more detailed information, see www.polycom.com/siren14
Polycom StereoSurround™	• 2 channels of 14 kHz crystal clear audio • Superb clarity to hear the subtleties of every word • Easily decipher multiple, simultaneous conversations • Distinguish which side of the room people are talking from, just like in a real meeting
Audio Error Concealment	• Reduced audio drop-out on busy IP networks • Smooth, consistent verbal communications without interruptions • Corrects audio from any system seamlessly • Activates automatically, only when needed
	Video
H.264 Video	• Use less bandwidth to conduct video calls of equal quality compared to calls using H.263 standard • Unparalleled video quality for lower line rate applications • Remote office advantage since less bandwidth is needed • Cost savings to any organization • Supported at data rates from 64Kbps to 768Kbps
Pro-Motion™ H.263 – Receive only	• Full-screen, TV-like video quality with fluid, precise motion handling • Greater image detail with 50/60 fields per second • Most natural video communications experience possible
Video Error Concealment	• Reduced video drop-out on busy IP networks • Smooth, continuous video without interruptions • Maintain active face-to-face contact • Accomplish meeting objectives without worrying about the video integrity • Activates automatically, only when needed
	Content Sharing
People+Content™, H.239	• Polycom People+Content or standards based H.239 to insure interoperability • Dual images allows the far end to see the content and the speaker at the same time
People+Content IP	• Using a light utility on your PC, simply connect to your V500 and PC content is shown to all conference participants • This feature can be used by anyone in the conference, even remote voice-only participants!
Adjustable Bandwidth for Content	• Choose variable bandwidth allocated to People or Content • Allows setting quality preference of a 90% / 10% split between People and Content or sharing bandwidth equally between People and Content (50% / 50%) • User adjustable setting can be accessed both during a call and outside of a call

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User Interface

Calendar & Call Scheduler	• Quick and easy access to a monthly calendar with current date and time posting • Schedule individual or repeat meetings to dial automatically • Create and save multipoint team meetings
Customizable Home Page	• Display only the necessary buttons • Unique design to meet your organization's needs • Simplified graphical interface for novice users • Easy to understand icon driven menu navigation decreases learning curve • Kiosk Mode allows you to create a look and feel that suits your application • Leads to increased use of video
Dual Monitor Emulation	• Use Dual Monitor Emulation for the most efficient use of a single display • View near and far video windows at the same time • Alternate layout views supporting near end, far end and content
User Selectable Camera Icons	• Use icons that represent your industry • Intuitive icons match the input device • Custom name gives the icon clear meaning • Selection – 5 libraries to choose from • Decreases learning curve

Platform Versatility

Integration with Microsoft® Live Communications Server (LCS) via SIP	• Integrates directly with Microsoft collaboration infrastructure • Registers and authenticates with Microsoft LCS 2005 • Users can be added to Microsoft Communicator Presence information sent to LCS indicating video buddies' availability • You can use your Buddy list to launch calls from the V700 user interface
Completely integrated, all in one system	• Includes 17" display perfect for full screen viewing of remote and Picture-in-Picture for near end video • Integrated stereo microphones and speakers eliminates the need for table top microphones and external speakers • Supports Polycom StereoSurround
Also functions as PC Display	• Use as a high resolution (SXGA) display for a local PC connection and save space within the office • PC audio can be connected to the V700 so the built-in speakers or headphones can reproduce the PC audio
Advanced Encryption Standard (AES)	• Communications are confidential and secure • Authentication by the National Institutes of Standards means it's credible • Built-in, no extra hardware or software is required
H.460 NAT/Firewall Traversal	• Standards compliance for traversing NATs and Firewalls • Session border controller (V2IU) is only needed at the central location and all VSX systems with H.460 can communicate through the single V2IU • Uses H.460.18 for signaling traversal and call establishment and H.460.19 for media traversal
E-Mail dialing format when dialing across IP security boundaries	• Easy and intuitive E-mail video dialing • Operates with Polycom's V2IU™ Firewall Traversal Appliance • Deployable to wide range of customers, suppliers and partners

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Interoperability

Part of Polycom's Unified Collaborative Communications	• Remote management through Global Management System™ • MGC Click & View™ offers a variety of layout templates for a multi-point call right from the system's handheld remote • Extended conferencing with Polycom PathNavigator™ • Schedule, invite participants and manage conferences easily with Polycom Conference Suite • Use the Polycom SE200 for management, scheduling and gatekeeping
Configurable MTU packet size	• Allows administrators to set the MTU packet size, based on needs of their network • Optimizes packet size minimizing overhead and network congestion • Default setting is 1260
Standards-based	• Solid, reliable platform • Qualified by independent test labs • Interoperates with other vendor's systems • Easy to install even in a multi-vendor environment
FIPS 140-2 Certified	• Secure FTP, Telnet and Web • VSX and V-series systems are the most secure video conferencing solutions in the industry • Now, all access to the V700system can be secured including accessing the system via web-browser as well as secure telnet and ftp access via SSH for secure system administration and application connectivity
Baseline Mode	• Set your system to baseline mode, H.261 and G.711, for maximum interoperability with legacy video conferencing systems • Accessible via web, FTP or on-screen UI for easy access by the network administrator • Can be turned on and off as needed

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