

Polycom[®] V500[™]

Features and Benefits



G.722.1 Annex C (based on Polycom Siren [™] 14)	Audio <ul style="list-style-type: none">• 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 system• For more detailed information, see www.polycom.com/siren14
Audio Error Concealment	<ul style="list-style-type: none">• Reduced audio drop-out on busy IP or ISDN networks• Smooth, consistent verbal communications without interruptions• Corrects audio from any system seamlessly• Activates automatically, only when needed
H.264 Video	Video <ul style="list-style-type: none">• Use less bandwidth to conduct video calls of equal quality compared to calls using the H.263 standard• Unparalleled video quality for lower line rate applications• More bandwidth is available for other business• Cost savings to any organization• Supported at data rates from 64Kbps to 768Kbps
Pro-Motion [™] H.263 – receive only	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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
People+Content IP	Content Sharing <ul style="list-style-type: none">• Simply input the IP address of your V500 into a small utility and PC content is easily shown to all conference participants• This feature can be used by anyone in the conference, even voice-only participants!
Adjustable Bandwidth for Content	<ul style="list-style-type: none">• Choose the amount of bandwidth to dedicate to Content and People• Options include 90% Content/ 10% People; 50% Content/ 50% People; 10% Content/ 90% People• User adjustable setting can be accessed both during a call and outside of a call

User Interface

Calendar & Call Scheduler	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Display only the necessary buttons on the Home Page• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Integrates directly with Microsoft collaboration infrastructure• Registers and authenticates with Microsoft LCS 2005• VSX 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 V500 user interface
Simple Plug and Play Installation	<ul style="list-style-type: none">• Integrated microphone and camera• Sleek, set top format to use on top of TV or flat panel display• Headphone jack for privacy• Personalized graphical user interface makes it easy to use• Install wizard guides available for easy installation• Use any TV grade displays (NTSC/PAL)• Use TV speakers for external audio
IP (H.323 or SIP) or ISDN/IP Models	<ul style="list-style-type: none">• Choose the right configuration for your specific network connection• Supports UPnP and NAT for automatic setup of conferences conducted through firewalls• Wide range of IP QoS services to insure call quality and integrity
Advanced Encryption Standard (AES)	<ul style="list-style-type: none">• Communications are confidential and secure• Authentication by the National Institutes of Standards means it's credible• Built-in, no extra hardware required
H.460 NAT/Firewall Traversal	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Easy and intuitive E-mail video dialing• Operates with Polycom's V2IU™ Firewall Traversal Appliance• Deployable to wide range of customers, suppliers and partners

Interoperability

Part of Polycom's Unified Collaborative Communications	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Solid, reliable platform• Qualified by independent test labs• Interoperates with other vendor's systems• Easy to install even in a multi-vendor environment
Baseline Mode	<ul style="list-style-type: none">• 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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