Polycom® VSX™ 7000e

Features and Benefits

Audio

Siren™ 14 Wideband Audio	• 14 kHz crystal clear audio • Eliminates fatigue associated with straining to hear every word • CD-quality sound for dynamic audio performance • Superb clarity to hear the subtleties of every word • Included on every system
Polycom StereoSurround™	• 2 channels of 14 kHz crystal clear audo • Wideband audio projected in stereo, from left and right speakers • 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 • Enable easily in the user interface and by attaching speakers to the VSX 7000e
SoundStation VTX 1000® Integration	• Use the SoundStation VTX 1000 as the microphone for the video system and eliminate the VSX 7000e microphones • Add audio calls to a video conference with the SoundStation VTX 1000 • Maximize the value of audio and video equipment investments when used together • Remarkable voice pickup range with the SoundStation VTX 1000 microphones • Video dial, mute, call hangup and call redial from the SoundStation VTX 1000 keypad
Enhanced Microphone Array	• 360˚ audio pickup • Flotation feet filter out table-top noise • Sensitive enough to pick up whispers, smart enough to eliminate unwanted back-ground noise • Versatile and attractive design for table top, wall or ceiling mount • Single array for Polycom StereoSurround • Gated enhanced stereo pickup
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
Direct POTS Connection	• Easily add a caller (cell phone or landline) to any video call • Users on a cell phone can call directly into the video conference • Expands the usability of the system to include IP, ISDN, SIP or POTS callers

Video

Single Monitor XGA Support	• Use a VGA display, or a TV for main display • Supports resolutions up to 1024 x 768 • No need for a dual monitor system to clearly see content • Flexibility in configuration, allowing users to use the display of their choice
H.264 video up to 768Kbps	• Use less bandwidth to conduct video calls • Unparalleled video quality for lower line rate applications • More bandwidth is available for other business • Cost savings to any organization!
Pro-Motion™ H.263 Video	• Full-screen, TV-Like video quality • Greater image detail with 50/60 fields per second • Full screen maximizes display area • Fluid, precise motion handling • Most natural video communications experience possible

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VideoVoiceDataWeb

Support for 16:9 or 4:3 Format	• User selectable display format • 16:9 aspect ratio and Dual Monitor Emulation perfect for plasma displays • Accommodates regular TV monitors • High resolution graphics displays for Content presentation
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

Direct XGA for Data Sharing	• Based on H.239 standard, so it's possible to share data with other systems and vendors • See the presentation and the speaker at the same time • Perfect for outside speakers/visitors to be able to easily add content to a video conference; just plug in a PC directly to the 7000e and start sharing! • Or ImageShare II for easily table top connection and control
People+Content IP	• Users can share data during a video conference without having to connect their PC to the system. Simply input the IP address into a small utility and PC content is automatically shown to all conference participants • This feature can be used by anyone in the conference, even audio callers! • An excellent option for wireless laptop users who are participating in a video conference
Multiple Content Sources	• Doc camera and VCR images can be seen as content, along with people • Doc camera and VCR images do NOT displace the person talking, but show up next to them • Supplement video conference with multiple types of content including pictures, movies, audio files, PowerPoint® presentations • Flexible bandwidth settings for adjusting people and content
Adjustable Bandwidth for Content	• 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 • Adjustable setting located on the on-screen interface that can be accessed both during a call and outside of a call
Dedicated VCR/DVD ports for record/playback	• Ability to use line level inputs for other devices • Easily play VCR/DVD movies/images during a video conference • Adds another dimension to the conference, making it like "being there" • See both the speaker and the DVD/VCR image

User Interface

Calendar & Call Scheduler	• Quick and easy access to a monthly calendar with current date and time posting • Schedule 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 • Decreases learning curve • Leads to increased use of video
Peripheral Control Using RS-232 port	• Use APIs to customize control of the system • Use an AMX® or Creston® panel as main UI • Brings flexibility for integrators to build a custom solution for their customers • Allows partners to add value to video conferencing solution • 2 ports available
Dual Monitor Emulation	• Most efficient use of a single display area • Full size near and far video windows at the same time • Minimal investment, maximum benefit (one monitor, two screens) • Alternate layout views
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

Kiosk Mode for Custom Applications	• Makes video approachable and easy! • Create a look and feel that suits your application • Removes difficult decisions for the user • One-click dialing results in instant communications
Display Configuration Choices	• Allows you to configure displays for your application • Single or dual displays • XGA or NTSC / PAL • 4x3 or 16x9 formats • Decide what shows on each display, near end, far end, or content

Platform Versatility

Integration with Microsoft® Live Communications Server (LCS) via SIP	• Integrates directly with Microsoft collaboration infrastructure • Registers and authenticates with Microsoft LCS 2005 • VSX users can be added to Microsoft Messenger's buddy list • Presence information sent to LCS indicating video buddies' availability • Convenient dialing to email addresses
Supports up to (3) Microphone Arrays	• Maximum coverage for extended rooms • Polycom StereoSurround support makes installing stereo even easier • Great audio pickup from every corner of the room • Each participant is near a microphone • Pin-point accuracy on the active speaker with multiple microphone arrays • Ceiling microphone can be seamlessly incorporated; provides coverage up to 40ft in diameter
Optional Network Interface Modules	• Flexibility for any network type • Ability to upgrade as networks transition • Choose only the configuration you need • Easy to swap out • Modular, compact and out-of-the-way!
Internal Multipoint Software	• Conduct meetings beyond just (2) sites • Increase productivity by including key people on the call • Adding sites during a call can lead to quicker decision making • Supports up to 4 video calls in one conference • Quick, easy upgrade with a software key
Advanced Encryption Standard	• Communications are confidential and secure • Authentication by the National Institutes of Standards means it's credible • Built-in, no extra hardware required • Easy installation software key
Multiple Use RS-232 Ports	• Multiple use RS-232 ports • 2 RS-232, DB9 ports • Camera control, Polycom or others • Transparent data pass-thru in H.320 or H.323 • Control System connection • Vortex® audio system control • Peripheral options from Polycom Custom Products
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 between customers, suppliers and partners

Interoperability

Part of the Polycom Office™	• Remote management through Global Management System™ • Extended conferencing with Polycom PathNavigator™ • Expand the audience over audio and video with an MGC™ bridge • Consistency from a single manufacturer
Standards Based	• Solid, reliable platform • Qualified by independent test labs • Interoperates with other vendors' systems that are standards-based • Install even in a mixed environment
Baseline Mode	• Set your system to baseline mode, H.261 and G.711 for maximum interoperability with legacy video conferencing systems • Accessible via the web interface for easy access by the network administrator • Can be turned on and off as needed

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