Polycom® HDX 4000 Series
Features and Benefits

Audio

Polycom 22 kHz StereoSurround™	• 2 channels of 22 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	• Eliminates audio drop-outs on noisy networks • Smooth, consistent verbal communications without interruptions • Corrects audio from any system seamlessly • Activates automatically, only when needed
Flexibility of headset	• Use headset with microphone for complete privacy • 3.5mm jack built-in for headset or headphone
Built-in stereo speakers	• Powerful sound from built-in speakers offering rich fidelity from 100 Hz to 22 kHz
Integrated desk phone	• Your video device can be used as fully-functional speakerphone • VoIP or analog high quality speakerphone

Video

True High Definition Video	• Natural high definition during video call • Reduce the technology barriers by seeing people and content in HD resolution • 720p (1- 4 Mbps) • 480p (256 – 768 Kbps)
Embedded HD camera	• Camera is positioned in bezel of monitor for improved visual acuity • Electronic pan-tilt-zoom allows for flexibility • 16:9 aspect ratio gives a natural viewing angle • 65° field of view allows for a team view in front of the camera • Privacy shutter
Polycom Extreme HD LCD	• 20.1" high definition LCD for increased desktop landscape • Multiple resolutions supported, 1600x1200, 1680x1050, 1600x1000, 1400x1050, 1344x1008, 1344x840, 1280x1024, 1280x960, 1280x800, 1280x720, 1024x768, 800x600 • High resolution for split screen video and graphics
Lost Packet Recover (LPR)	• Communications remain intact even on disruptive networks • Smooth, continuous video without interruptions • Maintain active face-to-face contact • Accomplish meeting objectives without worrying about the video integrity of public or private networks • Activates automatically, only when needed
Dual Monitor Emulation	• Most efficient use of a single LCD display • View near and far video windows at the same time • Alternate layout views supporting near end, far end and content in native aspect ratio and resolutions

POLYCOM®

Content Sharing

People+Content™, H.239	• People and Content both shared in High Definition • Polycom People+Content or standards based H.239 ensures interoperability in the industry • Dual images allows the far end to see the presentation and the speaker at the same time • One touch sharing directly from keypad • People+Content Receive (included) • People+Content Send (optional)
People On Content™	• Optional feature allows for users to become part of their presentations • Using chroma key technology, users can place themselves in front of the PC video input source. • Perfect for distance education and training • Retain attention, increase productivity
Adjustable Bandwidth for Content	• Flexibility to choose the amount of bandwidth to dedicate to Content or People based upon what is being shown • Options include 90% Content/ 10% People; 50% Content/ 50% People; 10% Content/ 90% People • System will automatically adjust bandwidth allocation when sharing content based upon content being shown • Very powerful for users who share a wide range of content during a video call • User adjustable setting can be accessed both during a call and outside of a call

User Interface

Support for API Control Commands	• Custom control touch panel integration via IP port including AMX® or Crestron® is made easy with extensive support for API command set • Integrator's Reference Manual for HDX Series details over 200 commands for special applications • Sample control templates are available for touch panel integration that provides basic functionality right out of the box
Non-disruptive Desktop	• Video UI "floats" on top of PC screen when activated • View desktop applications during a video call
Multiple resolutions supported	• 12 input video resolutions supported for local display of content

Platform Versatility

Internal Multipoint Software	• Optional upgrade easily done with a software key • Conduct meetings beyond just point-to-point • Increase productivity by including key people on the call • Adding sites during a call can lead to quick decision making • Supports up to 4 video or audio calls in a single conference
Secure FTP, Telnet and Web	• Polycom video systems are the most secure video conferencing solutions in the industry • All access to the HDX system can be secured including accessing the HDX system via web-browser as well as secure telnet and ftp access via SSH for secure system administration and application connectivity
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 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

IP (H.323, SIP), ISDN or Serial Connectivity	• IP is standard and you choose the H.320 interface best for your application
	• Choose the right option 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
	• Optional H.320 interfaces include Quad BRI, PRI, V.35, RS-449 and RS-530

Interoperability

Part of Polycom's Unified Collaborative Communications	• Remote management, scheduling and gatekeeping functionality available with ReadiManager SE200
	• Expand the audience over audio and video with an RMX™ bridge
	• RMX Click & View™ offers a variety of layout templates for multipoint call right from the system's handheld remote
	• Video recording, streaming and archiving with the Polycom RSS 2000™ and VMC 1000
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
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

Technical Documentation

Award winning documentation	• Documentation set includes information about setting up, maintaining, and using the system
	• Available at www.polycom.com/videodocumentation
	• Searchable PDFs with colorful illustrations
	• Administrators Guide, User's Guide, and Quick Tips available in most supported languages
Setup Sheets	• Easy-to-follow graphical instructions for setting up the system and peripherals
	• Illustrations show both minimal and optional system configurations
	• Shipped with the system for easy access
Administrator's Guide	• Comprehensive information for configuring system, including an explanation of each administrator setting
	• Descriptions of system features and capabilities
	• Back panel diagrams of all systems with explanations of each connector
	• Instructions for using the web interface
User Documents	• Quick Tips one-page document provides quick and easy reference for video conferencing tasks
	• User's Guide covers everything you need to know about using the system in a video conference
	• Customizable User's Guide allows you to include your help desk information specific to your environment

For additional information, please visit www.polycom.com

9/27/2007