



Polycom® HDX 8000 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
Multiple audio inputs	• Audio inputs for aux video, PC or VCR/DVD • Allows far end to hear audio from PC
Multiple Microphones Arrays	• Supports medium to large rooms with up to 3 HDX microphone arrays

Video

True High Definition Video	• Natural high definition during video call and superb video at any data rate • Reduce the technology barriers by seeing people and content in HD resolution • 720p (1- 4 Mbps) • 480p (256 – 768 kbps)
Polycom EagleEye HD Camera™	• 60 fps video capture • 16:9 aspect ratio • 72 degree field of view • 270+ degree panning radius
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 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
Dedicated DVD/VCR Connection	• Ability to use line level inputs for other devices • Easily play DVD/VCR movies/images during a video conference • Adds another dimension to the conference, making it like “being there” • By setting it to “content” input see both the speaker and the DVD/VCR image
Additional HD Capable Video Source	• Secondary HD video input allows for another HD camera, document camera, or other HD device to be included in any video conference as a “People” or “Content” source. This source is also HD capable.

Content Sharing

People+Content™, H.239	• People and Content both shared in High Definition • Polycom People+Content or standards based H.239 ensures fully interoperability • Dual images allows far end to see presentation and speaker at the same time • One touch sharing directly from keypad • People+Content Receive (included) • People+Content Send (optional)
People On Content™	• Unique feature allows 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 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
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

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 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 or 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
Multiple Use RS-232 Port	• RS-232 port • Integrate easily with control panels.

Interoperability

Part of Polycom's Unified Collaborative Communications	• Remote management through Global Management System™ • RMX Click & View™ offers a variety of layout templates for multipoint call right from the system's handheld remote • Play, stop, record, rewind and fast forward video recordings with the RSS 2000 using the HDX remote control • Expand the audience over audio and video with an RMX™ bridge • Extended conferencing with Polycom PathNavigator™ • Schedule, invite participants and manage conferences easily with Polycom Conference Suite • Video recording, streaming and archiving with the Polycom RSS 2000™. • Use the Polycom SE200 for management, scheduling and gatekeeping
Standards-based	• Solid, reliable platform • Qualified by independent test labs • Interoperates with other standards-based systems in the industry • 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

HDX 8000 Series Back Panel

