



# Polycom® HDX 8000 Series

## Features and Benefits

### Audio

Polycom 22 kHz StereoSurround™	<ul style="list-style-type: none"> <li>• 2 channels of 22 kHz crystal clear audio</li> <li>• Superb clarity to hear the subtleties of every word</li> <li>• Easily decipher multiple, simultaneous conversations</li> <li>• Distinguish which side of the room people are talking from, just like in a real meeting</li> </ul>
Audio Error Concealment	<ul style="list-style-type: none"> <li>• Eliminates audio drop-outs on noisy networks</li> <li>• Smooth, consistent verbal communications without interruptions</li> <li>• Corrects audio from any system seamlessly</li> <li>• Activates automatically, only when needed</li> </ul>
Multiple audio inputs	<ul style="list-style-type: none"> <li>• Audio inputs for aux video, PC or VCR/DVD</li> <li>• Allows far end to hear audio from PC</li> </ul>
Multiple Microphones Arrays	<ul style="list-style-type: none"> <li>• Supports medium to large rooms with up to 3 HDX microphone arrays</li> </ul>

### Video

True High Definition Video	<ul style="list-style-type: none"> <li>• Natural high definition during video call and superb video at any data rate</li> <li>• Reduce the technology barriers by seeing people and content in HD resolution</li> <li>• 720p (1- 4 Mbps)</li> <li>• 480p (256 – 768 kbps)</li> </ul>
Polycom EagleEye HD Camera™	<ul style="list-style-type: none"> <li>• 60 fps video capture</li> <li>• 16:9 aspect ratio</li> <li>• 72 degree field of view</li> <li>• 270+ degree panning radius</li> </ul>
Lost Packet Recover (LPR)	<ul style="list-style-type: none"> <li>• Communications remain intact even on disruptive networks</li> <li>• Smooth, continuous video without interruptions</li> <li>• Maintain active face-to-face contact</li> <li>• Accomplish meeting objectives without worrying about the video integrity of public or private networks</li> <li>• Activates automatically, only when needed</li> </ul>
Dual Monitor Emulation	<ul style="list-style-type: none"> <li>• Most efficient use of a single display</li> <li>• View near and far video windows at the same time</li> <li>• Alternate layout views supporting near end, far end and content in native aspect ratio and resolutions</li> </ul>
Dedicated DVD/VCR Connection	<ul style="list-style-type: none"> <li>• Ability to use line level inputs for other devices</li> <li>• Easily play DVD/VCR movies/images during a video conference</li> <li>• Adds another dimension to the conference, making it like “being there”</li> <li>• By setting it to “content” input see both the speaker and the DVD/VCR image</li> </ul>
Additional HD Capable Video Source	<ul style="list-style-type: none"> <li>• 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.</li> </ul>

<b>Content Sharing</b>	
People+Content™, H.239	<ul style="list-style-type: none"> <li>• People and Content both shared in High Definition</li> <li>• Polycom People+Content or standards based H.239 ensures fully interoperability</li> <li>• Dual images allows far end to see presentation and speaker at the same time</li> <li>• One touch sharing directly from keypad</li> <li>• People+Content Receive (included)</li> <li>• People+Content Send (optional)</li> </ul>
People On Content™	<ul style="list-style-type: none"> <li>• Unique feature allows users to become part of their presentations</li> <li>• Using chroma key technology, users can place themselves in front of the PC video input source.</li> <li>• Perfect for distance education and training</li> <li>• Retain attention, increase productivity</li> </ul>
Adjustable Bandwidth for Content	<ul style="list-style-type: none"> <li>• Flexibility to choose the amount of bandwidth to dedicate to Content or People based upon what is being shown</li> <li>• Options include 90% Content/ 10% People; 50% Content/ 50% People; 10% Content/ 90% People</li> <li>• System will automatically adjust bandwidth allocation when sharing content based upon content being shown</li> <li>• Very powerful for users who share a wide range of content during a video call</li> <li>• User adjustable setting can be accessed both during a call and outside of a call</li> </ul>
<b>User Interface</b>	
Support for API Control Commands	<ul style="list-style-type: none"> <li>• Custom control touch panel integration including AMX® or Crestron® is made easy with extensive support for API command set</li> <li>• Integrator's Reference Manual for HDX Series details over 200 commands for special applications</li> <li>• Sample control templates are available for touch panel integration that provides basic functionality right out of the box</li> </ul>
User Selectable Camera Icons	<ul style="list-style-type: none"> <li>• Use icons that represent your industry</li> <li>• Intuitive icons match the input device</li> <li>• Custom name gives the icon clear meaning</li> <li>• Selection – 5 libraries to choose from</li> <li>• Decreases learning curve</li> </ul>
<b>Platform Versatility</b>	
Internal Multipoint Software	<ul style="list-style-type: none"> <li>• Optional upgrade easily done with a software key</li> <li>• Conduct meetings beyond just point-to-point</li> <li>• Increase productivity by including key people on the call</li> <li>• Adding sites during a call can lead to quick decision making</li> <li>• Supports up to 4 video calls in a single conference</li> </ul>
Secure FTP, Telnet and Web	<ul style="list-style-type: none"> <li>• Polycom video systems are the most secure video conferencing solutions in the industry</li> <li>• 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</li> </ul>
Advanced Encryption Standard (AES)	<ul style="list-style-type: none"> <li>• Communications are confidential and secure</li> <li>• Authentication by the National Institutes of Standards means it's credible</li> <li>• Built-in, no extra hardware required</li> </ul>
H.460 NAT/Firewall Traversal	<ul style="list-style-type: none"> <li>• Standards compliance for traversing NATs and Firewalls</li> <li>• Session border controller (V2IU) is only needed at the central location and all VSX systems with H.460 can communicate through the single V2IU</li> <li>• Uses H.460.18 for signaling traversal and call establishment and H.460.19 for media traversal</li> </ul>
IP (H.323, SIP or SCCP), ISDN or Serial Connectivity	<ul style="list-style-type: none"> <li>• IP is standard and you choose the H.320 interface best for your application</li> <li>• Choose the right option for your specific network connection</li> </ul>

	<ul style="list-style-type: none"> <li>• Supports UPnP and NAT for automatic setup of conferences conducted through firewalls</li> <li>• Wide range of IP QoS services to insure call quality and integrity</li> <li>• Optional H.320 interfaces include Quad BRI, PRI, V.35, RS-449 and RS-530</li> </ul>
Multiple Use RS-232 Port	<ul style="list-style-type: none"> <li>• RS-232 port</li> <li>• Integrate easily with control panels.</li> </ul>

### Interoperability

Part of Polycom's Unified Collaborative Communications	<ul style="list-style-type: none"> <li>• Remote management through Global Management System™</li> <li>• RMX Click &amp; View™ offers a variety of layout templates for multipoint call right from the system's handheld remote</li> <li>• Play, stop, record, rewind and fast forward video recordings with the RSS 2000 using the HDX remote control</li> <li>• Expand the audience over audio and video with an RMX™ bridge</li> <li>• Extended conferencing with Polycom PathNavigator™</li> <li>• Schedule, invite participants and manage conferences easily with Polycom Conference Suite</li> <li>• Video recording, streaming and archiving with the Polycom RSS 2000™.</li> <li>• Use the Polycom SE200 for management, scheduling and gatekeeping</li> </ul>
Standards-based	<ul style="list-style-type: none"> <li>• Solid, reliable platform</li> <li>• Qualified by independent test labs</li> <li>• Interoperates with other standards-based systems in the industry</li> <li>• Easy to install even in a multi-vendor environment</li> </ul>
Baseline Mode	<ul style="list-style-type: none"> <li>• Set your system to baseline mode, H.261 and G.711, for maximum interoperability with legacy video conferencing systems</li> <li>• Accessible via web, FTP or on-screen UI for easy access by the network administrator</li> <li>• Can be turned on and off as needed</li> </ul>

### Technical Documentation

Award Winning Documentation	<ul style="list-style-type: none"> <li>• Documentation set includes information about setting up, maintaining, and using the system</li> <li>• Available at <a href="http://www.polycom.com/videodocumentation">www.polycom.com/videodocumentation</a></li> <li>• Searchable PDFs with colorful illustrations</li> <li>• Administrators Guide, User's Guide, and Quick Tips available in most supported languages</li> </ul>
Setup Sheets	<ul style="list-style-type: none"> <li>• Easy-to-follow graphical instructions for setting up the system and peripherals</li> <li>• Illustrations show both minimal and optional system configurations</li> <li>• Shipped with the system for easy access</li> </ul>
Administrator's Guide	<ul style="list-style-type: none"> <li>• Comprehensive information for configuring system, including an explanation of each administrator setting</li> <li>• Descriptions of system features and capabilities</li> <li>• Back panel diagrams of all systems with explanations of each connector</li> <li>• Instructions for using the web interface</li> </ul>
User Documents	<ul style="list-style-type: none"> <li>• Quick Tips one-page document provides quick and easy reference for video conferencing tasks</li> <li>• User's Guide covers everything you need to know about using the system in a video conference</li> <li>• Customizable User's Guide allows you to include your help desk information specific to your environment</li> </ul>

For additional information, please visit [www.polycom.com](http://www.polycom.com)

## HDX 8000 Series Back Panel

