



# Polycom® HDX 7000 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 Polycom digital microphone arrays (max. 2), an aux input, PC input and VCR/DVD input.</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- 2 Mbps)</li> <li>• 4CIF/4SIF (256 – 1 Mbps)</li> </ul>
Polycom EagleEye HD Camera™	<ul style="list-style-type: none"> <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 and 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>
DVD/VCR Connection	<ul style="list-style-type: none"> <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>• DVI-I input allows for additional HD video input from a PC or other optional device such as a document camera</li> </ul>

## Content Sharing

People+Content™, H.239	<ul style="list-style-type: none"><li>• People and Content both shared in High Definition</li><li>• Polycom People+Contentor 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>
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 up to the percent selected when sharing content</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>

## User Interface

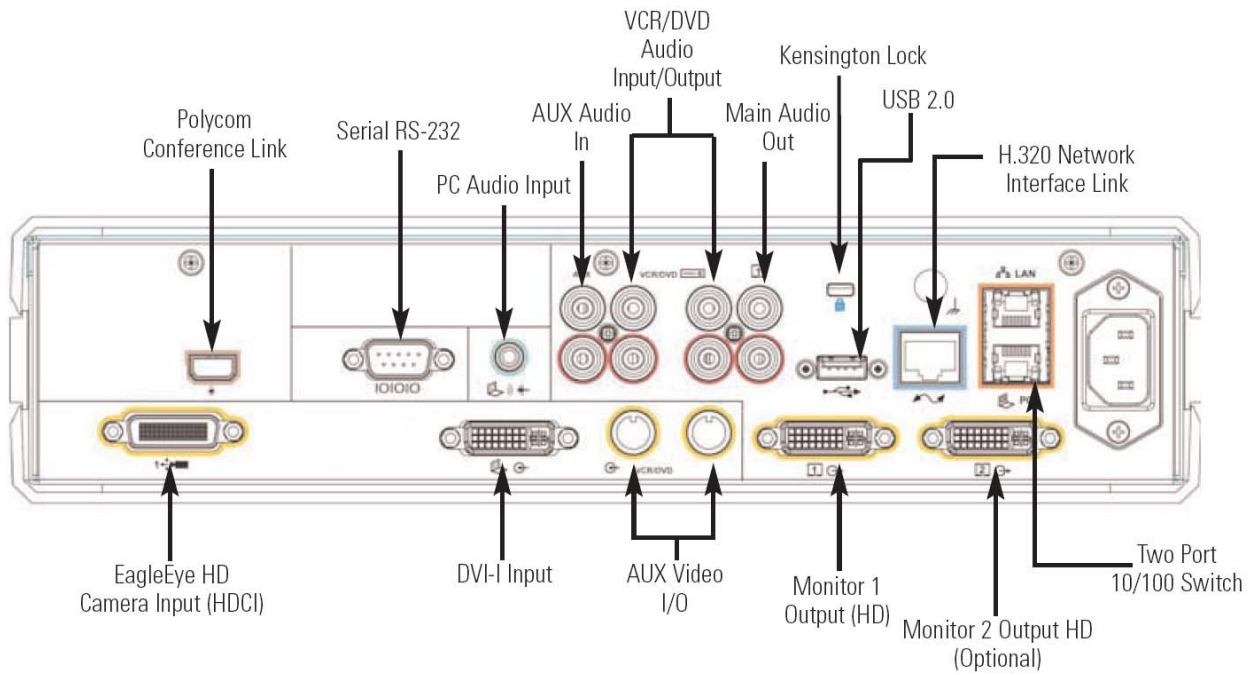
User Selectable Camera Icons	<ul style="list-style-type: none"><li>• Use icons that represent your industry</li><li>• Intuitive icons match the input device</li><li>• Custom name gives the icon clear meaning</li><li>• Selection – 5 libraries to choose from</li><li>• Decreases learning curve</li></ul>
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## Platform Versatility

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 sites 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>• Video Border Proxy (VBP) 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), 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><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, or serial (V.35, RS-449 and RS-530)</li></ul>

<b>Interoperability</b>	
Part of Polycom's Unified Collaborative Communications	<ul style="list-style-type: none"> <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 or CMA 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>
Basic Mode	<ul style="list-style-type: none"> <li>• Set your system to basic mode for interoperability with legacy video conferencing systems using H.261 and G.711, 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>
<b>Technical Documentation</b>	
Award Winning Documentation	<ul style="list-style-type: none"> <li>• Administrators Guide, Getting Started (User's) Guide, Set up guide and Quick Tips available in most supported languages</li> <li>• Searchable PDFs with colorful illustrations available at <a href="http://www.polycom.com/vidеodocumentation">www.polycom.com/vidеodocumentation</a></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> </ul>

## HDX 7000 Series Back Panel



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