Polycom® HDX 9000 Series

Professional quality for integrated rooms

Benefits

High definition video — 1280 x 720 at 30fps (720p) when calling at data rates over 1Mbps. Better video resolution is achieved at even lower data rates

High definition voice — Incredible audio with Polycom's Siren™ 22 which provides true high-fidelity Stereo audio

High definition content — Share multimedia content from video to presentations in true high definition. Polycom HDX supports standards based People+Content™ for sharing content

Flexible integration — A 2U design, flexible audio video and audio inputs and outputs for integration into many types of rooms and environments

Room-filling, powerful audio — Polycom's Siren 22 along with Polycom's StereoSurround™ offers audio performance that is superior in today's marketplace

Simplified integration — Easily integrate with Polycom's Vortex® Audio systems and AMX® or Creston® control devices for complete system control

Embedded multipoint — An optional 4 or 8 way embedded multipoint bridge allows for greater flexibility for your larger conferences

Content sharing — Share content using the standards based H.239 and Polycom's People+Content. The Polycom HDX 9002 and 9004 allow for sharing of people and content in high definition

Also available is the optional People On Content™ which allows participants to become part of their presentations

Flexible connectivity — Optional network interfaces allow for easy access to your BRI, PRI or V.35 network

Total Polycom HD solution – The HDX series integrates easily with the Polycom MGC™ products for high definition video bridging. The RSS™ 2000 streaming server also allows for capture and playback in high definition

Offering a new level of video solution for customers who demand the very best in quality, flexibility, and usability.

When it comes to gaining a competitive edge, it's all about who has the ability to make better decisions, faster and more effectively. Your organization needs to be equipped to respond more quickly to customer demand, solve support issues, react to market opportunities, and battle competitive threats.

In today's global marketplace, only the absolute best will do — and Polycom's HDX product line is clearly the best, offering a video solution for nearly any application. It delivers the richest audio, clearest and sharpest video, most transparent technology, and easiest to use interface, all enhanced by world-class service and support. HDX products are built on High-Definition TV (HDTV) standards. In video conferencing, HDTV enhances the overall viewing experience and eliminates meeting fatigue. Additionally, colors are more vibrant and realistic; movements are more sharp and smooth. This offers users the ability to interact more naturally, offering more than nine times the video quality of CIF video.

This exceptional user experience applies to sound, as well. Polycom's patent-pending Siren™ 22 heightens users' senses to new levels. HDX also incorporates Polycom's patented StereoSurround™ technology, bringing new life to each call. For a truly in-person meeting experience, video participants can hear remote participants' voices in stereo through left and right speakers. Yet, all this is accomplished with a single HDX microphone array, powerful enough to pick up even a soft voice at the far end of the room and transmit it to everyone on the video call.

The Polycom HDX 9000 Series was created by integrators, for integrators, offering the industry's highest level of flexibility and performance. Easily integrate a Polycom HDX 9000 product into a university auditorium with multiple cameras, projectors and displays. Create a unique and compelling C-level board-room, complete with touch-panel displays, recessed lighting and individual monitors for each participant. Or build a state-of-the-art training facility with the ability to record each high definition video training, and HD document cameras to show local artifacts and documents. All of these meeting solutions – and more – are possible through integration using the Polycom HDX 9000 series and its powerful set of APIs coupled with an abundance of video and audio connectors.

Make Great Things Happen with the Polycom HDX 9000 Series

In today's Internet driven world, the ability to conduct real time communication and collaboration has become critical to an organization's survival. As the market leader in voice, video, data and Web solutions, our award-winning conference technology makes it easy for people to interact and maximize productivity – over any network, in just about any environment, anywhere around the globe. That's why more organizations world-wide use and prefer Polycom conferencing solutions. Because when people work together, great things happen. See how you, too, can achieve great things with the Polycom HDX 9000 series.

HOWARD™
TECHNOLOGY SOLUTIONS

For more information visit www.Howard.com or call us at 888.912.3151

Optimal Applications for Polycom HDX Solutions

High definition voice, video and content sharing enhance any application, and make new video applications possible.

HD Voice

Hear every detail you want and none that you don't

- Voices, sound and music in the highest quality audio in 22kHz stereo with Siren™22
- StereoSurround™ separates multiple voices for conversational stereo
- HDX digital Microphone Array delivers flawless sound with extended 360- degree room coverage and immunity to cell phone interference

Application examples include:

- Teaching music over HD, allowing instructors to hear each note, each pause, and provide a comprehensive lesson
- Doctors listening to a patient's heartbeat over distance using HD voice to determine if there is an irregularity or reason for concern
- Professional trainers interfacing with a diverse group of students can clearly hear and understand each person as if the trainer were in the same room

HD Video

Make informed, real-time decisions with confidence

- See every visual detail flawlessly
- Read body language clearly; don't miss a single expression
- Bring the whole team together for critical decisions with 8-way internal multipoint capability and 6Mbps bandwidth support

Application examples include:

- Tele-psychiatry, where facial expressions, hand movements, and body language are crucial and must be seen in high definition
- C-level board meetings where HD video allows for clear, complete communications and real-time decisions
- Educators using HD cameras to show students underwater marine life in high definition during a marine biology class

HD Content

Share every detail of your work; demonstrate your value!

- Share every input in native quality with up to (5) HD video inputs
- Connect HD doc cams, DVD players and more
- Share any media in high definition with full motion

Application examples include:

- Showing detailed board designs using an HD document camera so they can be approved overseas and can increase time to market
- Showing detailed spreadsheets and documents during management meetings to speed decision making
- Educators can combine content in high definition to show movie clips, blueprints, PowerPoint presentations and more to enhance the learning experience.

Polycom HDX 9000 Series

Polycom HDX integrator solutions come in three models: Polycom HDX 9004, Polycom HDX 9002 and Polycom HDX 9001. All models deliver the highest quality voice, video and content sharing available in the market today. Combining power, performance and flexibility, these systems are the ultimate integrator's codec and can be used to create a multitude of unique video conferencing environments that enable organizations to get to market faster, save valuable time and resources, and gain a competitive edge.

Key Features:

- Up to 1280 x 720 resolution at 30fps (720p)
- Maximum bandwidth: 6 Mbps for HDX 9004; 4 Mbps for HDX 9002 and HDX 9001
- 5 HD video inputs (HDX 9004) / 4 (HDX 9002/HDX 9001), all with professional connectors: HDCI, Component (YbPbR), and DVI, along with professional Phoenix audio connectors
- Professional grade connectors including BNC video and Phoenix audio connectors
- Sophisticated set of APIs for custom room designs and applications
- Ability to add peripherals such as HD-DVD, VCR, HD document camera, recording devices
- POTS connection brings additional telephone or cell phone caller directly into the conference without tying up the conference phone
- Supports any type of video display; plasmas, projectors, and LCDs

Options:

- Polycom EagleEye high definition camera offers flexibility with a 12x optical zoom, 72-degree viewing angle, and panning radius of 180 degrees
- 4-way MP*Plus* enables the Polycom HDX 9000 series to have 4 port bridge capability
- 8-way MP*Plus* enables the Polycom HDX 9004 to have 8 port bridge capability
- Polycom People On Content – Presentations come alive when the presenter becomes part of the presentation
- Polycom Vortex audio mixer allows for a variety of acoustical configurations to fit the need of any conference room or auditorium
- Polycom Executive Collection - stylish carts and displays that complement any executive meeting room, classroom, or boardroom

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