Polycom® HDX® Series

High-Definition Room and Personal Telepresence Solutions

Experience Telepresence Anywhere, Anytime

Polycom® HDX® telepresence solutions offer users extraordinary visual communication, enhancing collaboration from the desktop to the conference room.

Flexible connectivity options and powerful content sharing gives professionals the ability to communicate over distance easily and securely. Polycom® HDX® room and personal telepresence solutions include offerings to suit any application and any budget.

Integrated in each HDX experience, Polycom UltimateHD™ technology brings amazing, high-definition communication to every user, every time. UltimateHD technology includes not only HD video up to 1080p resolution, but also HD voice with crystal clear stereo audio. Sharing HD content is also part of the Polycom UltimateHD experience, allowing colleagues and partners to easily include rich content during a video call. Also included in each HDX telepresence solution is Polycom Constant Clarity™ technology, which is a combination of several Polycom technologies that offer the best quality audio and video to users in a variety of environments and with varying network conditions. Users also experience better video quality and lower total cost of ownership with H.264 High Profile that allows users to have higher resolutions and frame rates at up to 50 percent (50%) bandwidth reductions over competitive products.

Polycom HDX® 8000: The Ultimate Room Telepresence Experience

Precisely engineered for superior clarity, Polycom HDX 8000 systems enable users to interact over video freely and naturally. Rich-media content and data are easily enabled; further enhancing collaboration and audience participation.

For organisations migrating to high-definition video and audio communication, the Polycom HDX 8000 Series provides a flexible and robust solution ideally suited for distance education, on-demand project collaboration and more.

Polycom HDX 7000: Extraordinary Telepresence for Everyday Communication

The Polycom HDX 7000 Series provides flexible, affordable HD visual communication for high-quality communication throughout mainstream workplace environments. Expanding visual communication quickly and easily throughout the organisation, the Polycom HDX 7000 Series is ideal for education, medical, enterprise and on-demand collaboration applications.

Turnkey options enable the Polycom HDX 7000 Series to deliver visual communication in any room, while patented, crystal-clear audio enhances collaboration and audience participation.

Polycom HDX 6000: Room Telepresence with a Fast ROI

High definition can be achieved by everyone with the Polycom HDX 6000. Users will have a quality experience from the quick setup of a single HDMI output for both audio and video to connecting a computer to share high definition graphics.

Packaged solutions are also available to help deploying the HDX 6000 solution in medical, education and other organisations.

Polycom HDX 4000: Personal Telepresence

Performance-engineered to deliver high-definition visual communication, the Polycom HDX 4000 Series delivers premium, rich-media personal telepresence, redefining individual and small group communication. Merging an extraordinary degree of visual and acoustic clarity with powerful functionality, the HDX 4000 Series brings unprecedented immediacy to video conferences, audio interactions and content exchanges.

A 24-inch (HDX 4500) or 20-inch (HDX 4002) HD video screen and acoustically superior stereo sound allow for professional-level visual communication with full computer monitor functionality, making content collaboration easier than ever. Users can incorporate presentations, graphics, spreadsheets, multimedia files and more, facilitating more immersive collaboration and quicker decision making.
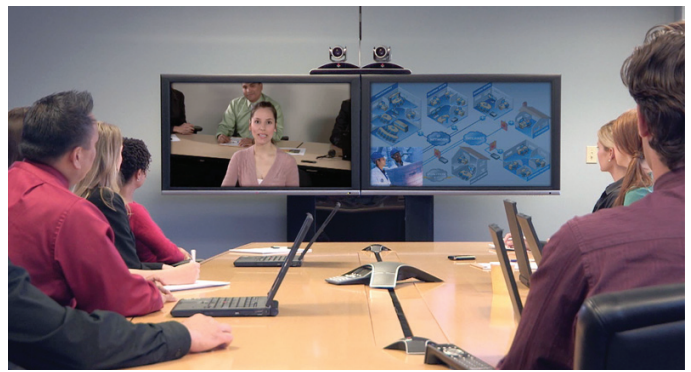
Polycom HDX Packaged Solutions: Flexible designs for advanced visual communication

The Polycom HDX Executive Collection floor system and Polycom HDX Media Center deliver high-quality visual communication uniquely configurable to a variety of environments and requirements. These sophisticated, innovative and stylish design solutions provide turnkey flexibility and power to deliver enriched, high-definition meeting experiences whenever, wherever requirements demand.

Polycom HDX Executive Collection plasma screens showcase high-definition video perfectly in 1080p resolution, while an intelligently dynamic microphone array provides finely tuned audio. The Polycom HDX Media Center 720p and 1080p solutions offer an alternative high-performance visual communication experience that includes free-standing pedestal or integrated wall-mount form factors with high-quality audio.

Integrator Telepresence: Premier visual communication systems for high-impact visual experiences

The Polycom HDX 9000 Series telepresence solution delivers high-definition collaboration experiences to conference rooms, lecture halls, executive suites and more. Attendees interact naturally for more productive meetings thanks to intuitive user interfaces and high-performance architectures that radically boost the quality of communication. Polycom HDX 9000 Series systems integrate seamlessly with rich media tools to enhance any presentation and meeting environments. Through a powerful set of APIs and multiple video and audio connectors, customers can create and customise conferencing solutions from simple to advanced applications.

Unparalleled User Experience with Polycom UC Innovations

The Polycom EagleEye Director reinvents the conference room meeting, personalising every room-based telepresence experience and making communications easier and more intimate than ever before through an innovative coupling of voice triangulation, face-finding technology, and a dual-camera tracking system.

Putting telepresence at your fingertips, the Polycom Touch Control interface is a gesture-based, intuitive solution for Polycom telepresence rooms, accelerating unified communications (UC) and video collaboration throughout your organisation.

Polycom UC Board

The innovative and first-of-its-kind Polycom UC Board increases productivity and interaction between remote sites by simply picking up a pen and freely sharing ideas. For Polycom HDX users who desire to share or record whiteboard content in any telepresence meeting.

	Polycom HDX 9000	Polycom HDX 8000	Polycom HDX 7000	Polycom HDX 6000	Polycom HDX 4000
UltimateHD™ Features					
HD Voice™ with 22 kHz of Audio	•	•	•	•	•
HD Content Sharing	•	•	•	•	•
HD Video (720p 30fps) from 512Kbps	•	•	•	•	•
HD Video (720p 60fps) from 832Kbps	•	•	•	receive only	HDX 4500
HD Video (1080p) from 1 Mbps	•	•	•	receive only	HDX 4500
SD (4CIF30) Video from 128 Kbps	•	•	•	•	•
SD (4CIF60) from 512 Kbps	•	•	•		HDX 4500
Connectivity					
H.323 and SIP Max Line Rates Mbps	6	6	4	2	4
Optional BRI, PRI or V.35 Module	•	•	•		HDX 4002
Audio Only Line (POTS Analog)	•	•			HDX 4002
Video I/O					
Max Video Outputs	3	3	3	1	
Max Video Inputs	4	4	3	2	1
General Information					
Integrated 20.1-inch LCD, HD Display					HDX 4002
All-in-One 24-inch Codec and HD Display					HDX 4500
Internal Multipoint (HDCP, SDCP) OPTIONAL	HDCP	HDCP	SDCP		HDCP
Max # HDX Microphone Arrays	4	3	2	1	3 (HDX 4002 only)
Content Sharing					
People+Content™/H.239 for Data Sharing	•	•	•	•	•
People+Content™ IP	•	•	•	•	•
People On Content™	•	•			•
Adjustable Content 10, 50, 90% BW	•	•	•	•	•
Other Key Differentiators					
SoundStation® IP 7000 Speakerphone Integration	•	•	•	•	HDX 4002
Dual Monitor Emulation	•	•	•	•	•
Polycom SoundStructure® Integration	•	•	•	•	
Polycom Lost Packet Recovery™ (LPR™)	•	•	•	•	•
APIs Supported	•	•	•	•	
Standard Encryption (except where prohibited by law)	•	•	•	•	•
Polycom Touch Control	•	•	•	•	HDX 4500
Polycom EagleEye Director	•	•	•	•	
Polycom UC Board	•	•	•		

About Polycom

Polycom is the global leader in standards-based unified communications (UC) solutions for telepresence, video, and voice powered by the Polycom® RealPresence® Platform. The RealPresence Platform interoperates with the broadest range of business, mobile, and social applications and devices. More than 400,000 organizations trust Polycom solutions to collaborate and meet face-to-face from any location for more productive and effective engagement with colleagues, partners, customers, specialists, and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security for video collaboration, whether on-premises, hosted, or cloud-delivered. Visit *www.polycom.com* or connect with Polycom on Twitter, Facebook, and LinkedIn.

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