



Features and Benefits

Polycom® HDX 6000™



Audio

Polycom 22 kHz StereoSurround™ with 2 channels of 22 kHz crystal-clear audio

Benefits

- Hear everyone clearly and naturally
- Superb clarity to hear the subtleties of every word, conversation and speakers
- Hear all participants, even when multiple people are talking
- Smooth and consistent verbal communications free from interruptions
- Automatic correction of audio quality whenever needed
- Allows far end to hear audio from PC or other multimedia device

Audio Error Concealment

- Eliminates audio drop-outs on noisy networks

Multiple Audio Inputs for aux audio or DVD

Video

Benefits

Incredible video resolutions at all bandwidths

- DVD quality video (256 Kbps – 768kbps)
- High Definition 720p30 Video from 832kbps – 2 Mbps

- Natural motion and superb video at any data rate

Polycom EagleEye™ HDX Camera

- 1/3 2 MP CMOS Imager
- 72 deg FOV at min zoom
- Capture at 1280x720 resolution
- 12x Optical Zoom
- 16:9, 480p video
- Sharp, quick focus

- Wide screen captures full room for maximum participation
- Natural interaction between all meeting participants
- Sharp, quick focus enables a highly productive meeting and eliminates technology issues

Lost Packet Recovery (LPR)

- Smooth uninterrupted video conferences, even on congested networks
- Faster and more productive meetings
- Seamless and automatic activation without IT intervention

Dual Monitor Emulation

- View near and far video windows at the same time in native aspect ratio

- High quality communications for near end and far end participants
- Optimal use of display investments

HDMI support

- Single cable support for both video and audio allows for simple, clean setup

Additional HD Video input

- Share data from a computer or other video source

Content Sharing

Standards based H.239 ensures fully interoperability

- People+Content IP allows users to share data through network without a direct connection to HDX 6000.

Adjustable Bandwidth for Content

- System will automatically adjust bandwidth allocation when sharing content based upon content being shown

Benefits

- Improved meeting quality with simultaneous speaker and content views
- Uninterrupted conferences with intuitive on-touch content sharing
- Sustained meeting quality across a wide range of content during a video call
- Users have best overall experience with no intervention

Platform Versatility

Secure FTP, Telnet and Web

Benefits

- 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)

- IP and SIP standard
- 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

Interoperability

Part of Polycom's Unified Collaborative Communications

Standards-based

Benefits

- Remote management through Polycom CMA 4000™ or 5000
- 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
- Schedule, invite participants and manage conferences easily with Polycom Conference Suite
- Video recording, streaming and archiving with the Polycom RSS 2000™
- 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