Polycom® HDX® 8000 Series
Flexible-high definition video, voice, and content communication

High-Definition Visual Communication Solution for Conference Rooms, Classrooms and Meeting Places Worldwide

For organizations migrating to high-definition video and audio communication, Polycom® HDX® 8000 series systems provide a flexible and robust solution ideally suited for distance education, remote patient care, on-demand project collaboration and more.

Precisely Engineered for Superior Clarity
The clarity of Polycom HDX 8000 series systems enables users to interact over video freely and naturally, and with the HDX 8000 series systems' embedded multipoint and content-sharing capabilities, remote team members can quickly and easily be brought together to collaborate on projects visually in this superior telepresence solution.

Designed to high-definition broadcast standards, Polycom HDX 8000 series systems solutions utilize Polycom HD Voice™ technology to convey distortion-free voices and sounds, while Polycom StereoSurround audio technology separates room sounds into left and right channels, giving an immediate sense of the physical location of opposite-end participants.

Rich-Media Presentations Made Easy
For media-rich group presentations, Polycom HDX 8000 series systems enable users to display rich-media content and data easily, enhancing collaboration and audience participation. And utilizing Polycom HDX 8000 series systems in tandem with Polycom's unique People On Content™ collaboration technology allows presenters to insert their video images into projected content to explain key elements more clearly.

Polycom HDX 8000 series systems are a key element of the total Polycom visual communication solution, which includes seamless integration with the Polycom RMX® 2000 or RMX 4000 conference platforms, Polycom Converged Management Application® series for management and scheduling, or the Polycom SoundStation® IP 7000 conference phone for an integrated voice and video experience.

Benefits
• High-definition video – Up to 1920 x 1080 (1080p) video resolution or 1280 x 720 (720p) resolution up to 60 fps for excellent video quality at all data rates
• High-definition voice – Polycom Siren™ 22 and Polycom StereoSurround™ technology for powerful, superior room-filling audio performance
• High-definition content sharing – Clarity and ease of sharing multimedia content from video to slide presentations in crisp high-definition
• Flexible furniture solutions – Stunning high-definition displays, powerful audio output and stylish design available in optional packaged furniture solutions

Learn More
Learn what the Polycom HDX 8000 series can do for your organization. Visit us at www.polycom.com or contact your Polycom representative.

About Polycom
Polycom, Inc. (Nasdaq: PLCM) is a global leader in unified communications (UC) solutions with industry-leading telepresence, video, voice, and infrastructure solutions built on open standards. Polycom powers smarter conversations, transforming lives and businesses worldwide. Visit www.polycom.com, call 1-800-POLYCOM to speak with a Polycom representative, or connect with Polycom on Twitter, Facebook, and LinkedIn.
Polycom HDX 8000 Series Specifications

Package Includes:
• Polycom EagleEye or EagleEye II camera, codec, HDX Microphone Array, 6 Mbps point-to-point, cables and remote control

Video Standards and Protocols
• H.264, H.264 High Profile IP, H.263++, H.261
• H.329 / Polycom People+Content
• H.263 & H.264 Video error concealment

Video Input
• 2 x EagleEye HD camera
• 1 x S-Video
• 1 x DVI-I

Video Out
• 2 x DVI-I HD video uut
• 1 x S-Video

People Video Resolution
• 720p, 30 fps from 5 12 Kbps
• 720p, 60 fps from 832 Kbps
• 1080p, 30 fps from 1024 Kbps

Audio Input
• 3 HDX microphone arrays supported
• 1 x Line-level stereo in (RCA)
• 1 x VCR / DVD stereo audio-in (RCA)

Audio Standards and Protocols
• Polycom StereoSurround™
• 22 kHz bandwidth with Polycom Siren™ 22
• 14 kHz bandwidth with Polycom Siren 14, G.722.1 Annex C

Polycom Constant Clarity™
• Automatic gain control
• Automatic noise suppression
• Keyboard noise reduction
• Live music mode
• Instant adaptation echo cancellation
• Audio error concealment
• Siren™ LPR

Other Supported Standards
• BFPC (RFC 4562)
• TIP

Network
• Polycom iPriority™ for QoS
• 10/100 auto NIC (RJ45)
• Auto-MDIX
• H.323 and/or SIP up to 6 Mbps
• Polycom Lost Packet Recovery™ (LPR™)
• Reconfigurable MTU size (IP only)
• RS232
  - Camera control
  - Data pass-through
  - Audio mixer control
  - Full serial API support
• H.320 (optional)
  - ISDN Quad BRI, PRI T1 or E1
  - Serial (RS449, V.35 RS530)
  - Auto SPID detection and line number configuration
  - 1 x Analog phone interface (POTS)
  - Microsoft® Office Communications Server integration
  - Microsoft® ICE support
  - Microsoft® Lync® support

User Interface
• Directory services
• System management
  - Web-based
  - SNMP

Options
• Polycom Touch Control
• Polycom EagleEye Director
• Polycom EagleEye View camera
• MPPlus software for up to 4 sites (HDCP)
• Network interfaces modules
• IP 7000 speakerphone integration
• Polycom HDX Media Center options
• RTV/CCCP
• TIP

Electrical
• Auto sensing voltage/power
• Typical operating voltage/power
  189VA @ 115V @ 60 Hz @ .67 PF
  192VA @ 230V @ 50 Hz @ .66 PF
  196VA @ 230V @ 50 Hz @ .65 PF
• Operating temperature: 0—40°C
• Operating humidity: 10—80%
• Non-operating temperature: -40°—70°C
• Non-operating humidity (non-condensing): 10—90%
• Maximum altitude: 10,000 feet

Physical Characteristics
• HDX 8000 base box with removable stand
  - 13.9” x 5.1” x 11” (H/W/D standing)

Warranty
• One-year return to factory parts and labor