Polycom® HDX® 7000 Series
High Definition Quality with Flexibility and Reliability

Polycom® HDX® 7000 Series provides flexible, affordable HD video conferencing for high-quality communication throughout mainstream workplace environments. Expanding the utility of visual communication quickly and easily, Polycom HDX 7000 series systems are ideal for education, medical, enterprise and on-demand collaboration applications.

**Benefits**
- **High-definition video** – Up to 720p30 or 1080p30 resolutions
- **High-definition voice** – Polycom Siren™ 22 and Polycom StereoSurround™ technology for superior audio performance
- **High-definition content sharing** – Polycom collaboration technology for sharing graphics, presentations and rich-media content with HD and non-HD systems
- **Embedded multipoint** – Optional four-way embedded multipoint bridge for greater flexibility and participation
- **Flexible connectivity** – Optional H.320 interfaces for easy access to BRI, PRI or serial networks

**Telepresence Solutions for Organizations that Want to Bring Together Dispersed Team Members for Enhanced Collaboration**

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**Enhancing Collaboration with HD Technology**
Intuitive interfaces allow users to adopt and use Polycom HDX 7000 series systems quickly, while a variety of bundle options enable the Polycom HDX 7000 series systems to be wall-mounted, free-standing or easily wheeled to any location to accommodate visual communication in any room. With embedded content sharing capabilities, Polycom HDX 7000 series systems allow individuals to collaborate in HD detail on content such as diagrams, project plans, multimedia presentations and more.

Leveraging Polycom’s renowned quality and designed to high-definition standards, Polycom HDX 7000 series systems utilize features such as Polycom HD Voice™ technology to deliver patented, crystal-clear audio and Polycom StereoSurround™ audio to separate room sounds into left and right channels to deliver physical-sense spatiality to opposite-end participants.

**Rich-Media Presentations Made Easy**
For rich-media group presentations, Polycom HDX 7000 series systems display dynamic content and data in HD to enhance collaboration and audience participation. With Polycom People+Content™ collaboration technology, users can share presentations and live video simultaneously, allowing conference participants to interact naturally and dynamically.

Polycom HDX 7000 series systems are a key element of the total Polycom visual communication solution, which includes seamless integration with the Polycom RMX® series conference platforms, as well as with Polycom Converged Management Application™ series for management and scheduling.

**Learn More**
Learn what the Polycom HDX 7000 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 7000 Series Specifications

PackagIncludes
- Polycom EagleEye or EagleEye II camera, codec, HDX Microphone Array, 4 Mbps point-to-point, People+Content™, People+Content IP; cables and remote control

Video Standards and Protocols
- H.264, H.264 High Profile IP, H.263+, H.261
- H.239 / Polycom People+Content
- H.263 & H.264 Video Error Concealment

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

Video Out
- 2 x DVI-I HD video out
- 1 x S-Video

People Video Resolution
- 720p, 30 fps from 512 Kbps
- 720p, 60 fps from 832 Kbps
- 1080p, 30 fps from 1024 Kbps
- 4SIF/4CIF, 30 fps from 128 Kbps
- 4SIF/4CIF, 60 fps from 512 Kbps
- SIF (352 x 240), QCIF (176 x 144)
- QSIF (176 x 120), QCIF (176 x 144)

Content Video Resolution
- Resolutions supported: HD (1920 x 1080), WSXGA+ (1680 x 1050), SXGA (1280 x 1024), HD (1280 x 720), XGA (1024 x 768), SVGA (800 x 600), VGA (640 x 480)
- Output: 720p (1280 x 720), 1080p (1920 x 1080), XGA (1024 x 768), SVGA (800 x 600)
- Content Frame Rate: 5 - 30 fps
- Content Sharing: People+Content™ and People+Content IP

Camera
- Polycom EagleEye camera
  - 1280 x 720p CCD imager
  - 12X optical zoom
  - 72° FOV min
- Polycom EagleEye II camera
  - 1920 x 1080 CMOS imager
  - 12X optical zoom
  - 72° FOV

Audio Input
- 2 HDX microphone arrays supported
- 1 x Line-level stereo in (RCA)
- 1 x 3.5mm stereo mini (PC Audio)
- 1 x VCR / DVD stereo audio-in (RCA)

Audio Standards and Protocols
- Polycom StereoSurround™
- 22 kHz bandwidth with Polycom Siren 14, G.722.1 Annex C
- 14 kHz bandwidth with Polycom Siren 14, G.722.1 Annex C
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728, G.729A

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
- BFCC (RFC 4562)
- TIP

Network
- Polycom iPriority™ for QoS
- 10/100 auto NIC (RJ45)
- Auto-MDIX
- H.323 and/or SIP up to 4 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 with RS366 dialing)
- Auto SPIP detection and line number configuration

Polycom EagleEye HD Camera
- 3.4 kHz bandwidth with G.711, G.728, G.729A

Polycom EagleEye View Camera
- 14 kHz bandwidth with Polycom Siren 14, G.722.1 Annex C
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728, G.729A

Polycom EagleEye Director
- 14 kHz bandwidth with Polycom Siren 14, G.722.1 Annex C
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728, G.729A

Polycom EagleEye Video Camera
- 14 kHz bandwidth with Polycom Siren 14, G.722.1 Annex C
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728, G.729A

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