Polycom

Polycom® HDX® 7000 Series

Telepresence solutions for organizations that want to bring together dispersed team members for enhanced collaboration

The 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.

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.

Benefits

- **High-definition video conferencing** – Natural communications up to 1920 x 1080 at 30 fps (1080p), with exceptional resolution even at lower data rates

- **High-definition voice** – Polycom Siren™ 22 and Polycom StereoSurround™ technologies for powerful, superior room-filling audio performance

- **High-definition content sharing** – Polycom collaboration technology for sharing graphics, presentations and rich-media content with HD and non-HD systems

- **Flexible, simplified integration** – Embedded multipoint – Optional four-way embedded multipoint bridge for greater flexibility and participation

- **Productive Collaboration** – Whiteboarding software in the system allows users to collaborate quickly and easily with no PC required

Package includes

- Polycom EagleEye III 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), CIF (352 x 288)
- 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), 1080 (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 III Camera
- SMPTE 296M 1280 x 720p60 SMPTE274M 1920 x 1080p, 60/50
- 12x optical zoom
- 72° FOV min

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 output

- 1 x stereo output (RCA)
- 1 x VCR / DVD stereo audio-out (RCA)

Audio standards and protocols

- Polycom StereoSurround™
- 22 kHz bandwidth with Polycom Siren™ 22 technology
- 14 kHz bandwidth with Polycom Siren 14 technology, 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 Lost Packet Recovery™ (LPR™)technology

Other supported standards

- H.221, H224/H.281, H.323 Annex Q, H.225, H.245, H.241, H.331, H.239, H.231, H.243, H.460, BONDING, Mode 1
- BFCP (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™) technology
- Reconfigurable MTU size (IP only)
- SIP Firewall Traversal (Acme Packet)
- 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 SPID detection and line number configuration
- Microsoft® Office Communications Server integration
- Microsoft® ICE support
- Micosoft® Lync™ support
- IBM® Sametime™ support

User interface

- Directory services
- Polycom SmartPairing™ technology

System management

- Web-based
- SNMP
- Polycom Coverged Management Applications™ (CMA®) technology
- CDR
- International languages (16)
- Wildcard language tool
- USB software update

Security

- Secure Web
- Security mode
- AES FIPS 197, H.235V3 and H.233/234
- FIPS 140-2 Validation Certificate (#918)
- IPv6 (DISA)
- *www.polycom.com/govcerts*
- Secure password authentication

Collaboration

- Polycom Active Touch
- Direct mouse integration
- Multi-site collaboration
- Polycom UC Board (optional)

Options

- Polycom Touch Control
- Polycom EagleEye Director
- Polycom EagleEye View camera
- Polycom UC Board
- MPPlus software for up to 4 sites (SDCP)
- Network interface modules
- SoundStation IP 7000 speakerphone integration
- Polycom HDX Media Center options

Electrical
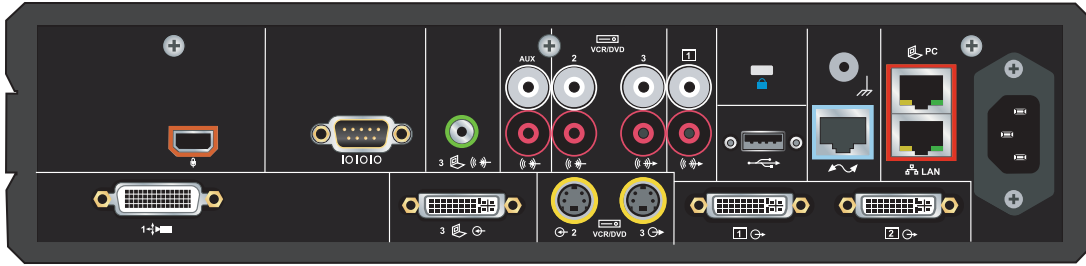
- Auto sensing power supply
- Typical operating voltage/power
  189VA @ 115V @ 60 Hz @ .67 PF
  192VA @ 230V @ 60 Hz @ .66 PF
  196VA @ 230V @ 50 Hz @ .65 PF

Environmental specification

- 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 7000 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

Polycom® HDX® 7000 Series Rear Panel

Need flexible financing?
Polycom CAPITAL
Collaborative Financing
www.polycom.com/polycom-capital

About Polycom

Polycom is the global leader in open standards-based unified communications (UC) solutions for voice and video collaboration, trusted by more than 415,000 customers around the world. Polycom solutions are powered by the Polycom® RealPresence® Platform, comprehensive software infrastructure and rich APIs that interoperate with the broadest set of communication, business, mobile and cloud applications and devices to deliver secure face-to-face video collaboration in any environment. Polycom and its ecosystem of over 7,000 partners provide truly unified communications solutions that deliver the best user experience, highest multi-vendor interoperability, and lowest TCO. Visit *www.polycom.com* or connect with Polycom on Twitter, Facebook, and LinkedIn to learn how we're pushing the greatness of human collaboration forward.

Polycom, Inc.
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