

▶ Polycom® HDX™ 7000 Series

High Definition Quality with
Flexibility and Reliability

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 multipoint and 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.

Find Out More

Learn what the Polycom HDX 7000 Series can do for your organization. Visit us at www.polycom.com or contact your Polycom representative.



Benefits

- ▶ High-definition video – Up to 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 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

Polycom® HDX™ 7000 Series Specifications

Package Includes

- EagleEye™, codec, HDX Microphone Array, 2 Mbps point-to-point, cables and remote control

Video Standards and Protocols

- H.264, High Profile, H.263++, H.261
- H.263+ People+Content
- H.264 Video Error Concealment

Video Input

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

Video Out

- x DVI-I HD video out
- x S-Video

People Video Resolution

- 30 fps from 512 Kbps
- 60 fps from 832 Kbps
- 4SIF/3CIF from 128 Kbps
- 4SIF/3CIF from 512 Kbps
- (352x 240), CIF (352 x 288)
- (176x 120), QCIF (176 x 144)

Content Video Resolution

- Input: 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: 30 fps
- Content Sharing: People+Content™ and People+Content IP

Camera

- EagleEye camera
 - 1280 x 720p CCD imager
 - 12X optical zoom
 - 72° FOV min
- EagleEye 1080 camera
 - 1920 x 1080 CMOS imager
 - 10X optical zoom
 - 70° FOV min

Audio Input

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



Audio Standards and Protocols

- Polycom Surround™
- kHz bandwidth with Polycom Siren™ 22
- 14 kHz bandwidth with Polycom Siren 14, G.722.1 Annex C
- kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728, G.729A
- Automatic control
- Automatic suppression
- Key-based reduction
- music mode
- In-band echo cancellation
- Audio concealment

Other ITU-Supported Standards

- H.221, H.224/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

Network

- Priority™ for QoS
- Interfaces
 - 2-port 10/100 auto NIC switch (RJ45)
 - 2-port SIP up to 4 Mbps
 - Polycom Packet Recovery™ (LPR™)
- Reconfigurable MTU size (IP only)
- RS232
 - Camera control
 - Data pass-through
 - Audio mixer control
- (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 2007 integration

User Interface

- Displays
- System management
 - Web-based

- SNMP

- Polycom Covered Management Applications™ (CMA™)

- CDR
- International calls (17)
- Web management tool
- software update

Security

- Secure
- Security
- FIPS 197, H.235V3 and H.233/234
- 140PS Validation Certificate (#918)
- (DSSA)
- www.polycom.com/govcerts
- Password authentication

Options

- EagleEye View camera
- Software for up to 4 sites (SDCP)
- Network modules
- 700P speakerphone integration
- HDX Media Center options

Electrical

- AC 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%
- Max altitude: 10,000 feet

Physical Characteristics

- 700P base box with removable stand
 - 13.9" x 5.1" x 11" (H/W/D standing)

Warranty

- One year to factory parts and labor



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