

# ▶ 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 allows multiple participants to participate in meetings.

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](http://www.polycom.com) or contact your Polycom representative.



## Benefits

- ▶ High Definition Video – Up to 1920 x 1080 (1080p30) or 1280 x 720 (720p60) resolution 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

- Polycom EagleEye™ or EagleEye 1080 camera, codec, HDX Microphone Array, 2 Mbps point-to-point, People+Content™, People+Content IP, cables and remote control

## Video Standards and Protocols

- H.264, H.264 High Profile, 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

- 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

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

- Polycom StereoSurround™
- 22 kHz bandwidth with Polycom Siren™ 22
- 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
- Automatic gain control
- Automatic noise suppression
- Keyboard noise reduction
- Live music mode
- Instant adaptation echo cancellation
- Audio error concealment

## Other ITU-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

## Network

- Polycom iPriority™ for QoS
- Interfaces
  - 2-port 10/100 auto NIC switch (RJ45)
- 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
- 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 2007 integration

## User Interface

- Directory services
- System management
  - Web-based
  - SNMP

- Polycom Covered Management Applications™ (CMA™)

- CDR
- International languages (17)
- 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

## Options

- Polycom EagleEye View camera
- MPPlus software for up to 4 sites (SDCP)
- Network interface modules
- IP 7000 speakerphone integration
- Polycom HDX Media Center options
- Polycom SoundStructure™

## 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



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