

# ▶ Polycom® HDX™ 6000 Series

Intuitive, powerful and affordable  
Room Telepresence solution



Extending the reach of HD video, voice  
and content sharing with powerful technology  
and a quick return on investment.

Improve collaboration and reduce costs with affordable, easy to use Room Telepresence solutions from Polycom. The Polycom HDX 6000 Series delivers high definition communication to all parts of your organisation with unrivalled levels of ease and simplicity.

### **Increase productivity and improve relationships**

Now you can improve the effectiveness of collaboration while reducing operations and travel costs. Deliver lessons to students in classrooms around the world from a single location, align project teams in real-time across geographical locations and speed up your time-to-market with accelerated execution across departments. With the Polycom HDX 6000, you're as good as there.

Intuitive to use and manage, the HDX 6000 delivers telepresence experiences to standard meeting rooms, conference rooms and other environments requiring simple connectivity. HDMI output allows for quick and seamless integration with high definition displays via a single cable, while powerful standards-based Polycom People+Content™ allows users to easily and quickly share high quality documents, spreadsheets and multimedia content. Home theatre quality audio experiences are delivered by Polycom Siren™ 22 and Polycom StereoSurround™ sound, giving users unrivalled acoustic clarity.

### **Polycom offers the entire solution**

The Polycom HDX 6000 Series seamlessly integrates with all components of the Polycom Visual Communication portfolio, including the Polycom RealPresence™ Experience (RPX™), Polycom Telepresence Experience™ (TPX™), Polycom HDX telepresence solutions, Polycom RMX® Series conference platforms and Polycom Converged Management Application™ (CMA™). Additionally, the HDX 6000 leverages our exclusive Polycom Lost Packet Recovery™ (LPR™) technology for enabling high quality user experiences, even across congested public networks.

### **Find Out More**

View a demonstration today to see what the Polycom HDX 6000 Series can do for your organisation. Visit us at [www.polycom.com](http://www.polycom.com) or contact your Polycom representative.

- ▶ Reduced operating costs and clearer communication across all parts of your organisation
- ▶ Faster decision making and execution on mission critical projects
- ▶ Maintain a quality experience on any network, from a home office to a corporate board room with Polycom Lost Packet Recovery (LPR) technology
- ▶ Incredible video quality starting from 128 Kbps

# Polycom® HDX™ 6000 Series Specifications

## Package Includes

- Polycom EagleEye™ or EagleEye View camera, codec, HDX Microphone Array (not with View camera model), 2 Mbps point-to-point, 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 Polycom EagleEye HD camera
- 1 x DVI-I

## Video Output

- 1 x HDMI

## People Video Resolution

- 720p, 30 fps from 512 Kbps
- 4SIF/4CIF, 30 fps from 128 Kbps
- 4SIF/4CIF, 60 (RX) 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 Sharing: People+Content™ and People+Content IP

## Camera

- Polycom EagleEye camera
  - 1280 x 720p CCD imager
  - 12X optical zoom
  - 72° FOV min
- Polycom EagleEye View camera
  - 1920 x 1080 EPTZ camera
  - 4X digital zoom
  - 55° FOV min
  - Internal stereo microphones

## Audio Input

- 1 HDX microphone array supported
- 1 x 3.5 mm stereo mini (PC Audio)

## Audio Output

- 1 x Aux main out (RCA)
- Digital audio on HDMI cable



## 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, 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

- Polycom iPriority™ for QoS
- 10/100/1000 auto NIC (RJ45)
- H.323 and/or SIP up to 2 Mbps
- Polycom Lost Packet Recovery™ (LPR™)
- Reconfigurable MTU size (IP only)
- Microsoft® Office Communications Server 2007 integration

## User Interface

- Directory services
- System management
  - Web-based
  - SNMP
  - Polycom Converged Management Application™ (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

- IP 7000 speakerphone integration
- 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 6000 base box with removable stand
  - 13.9" x 5.1" x 11" (H/W/D standing)

## Warranty

- One-year return to factory parts and labour

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