▶ 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 organization with unmatched levels of ease and simplicity.

Increase productivity and improve relationships

Now you can improve collaboration effectiveness 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 geographies, speed 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 People+Content allows users to easily and quickly share high quality documents, spreadsheets and multimedia content. Home theater quality audio experiences are delivered by Polycom Siren™ 22 and Polycom StereoSurround™ sound, giving users unrivaled acoustic clarity.

Polycom offers the entire solution

The Polycom HDX 6000 Series seamless 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 Polycom HDX 6000 leverages our exclusive Lost Packet Recovery™ (LPR™) technology for enabling high quality user experiences, even across congested public networks.

Benefits

▶ Reduced operating costs and clearer communication across all parts of your organization

▶ 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

POLYCOM®

▶ Polycom HDX 6000 Series Specifications

Models
- Polycom HDX 6004™ Package includes Polycom EagleEye™ HD camera, codec, microphone array, cables, HDX remote control and Polycom People+Content™ IP
- Video standards & protocols
- H.264
- H.263++
- H.261
- H.239 / People+Content
- H.263 and H.264 video error concealment

People Video Resolution
- 720p, 30fps at 832 Kbps–2 Mbps
- 4SIF (704x480)/4CIF (704x576) at 256 Kbps–784 Kbps
- SIF (352x240), CIF (352x288)
- QSIF (176x120), QCIF (176x144)

Content Video Resolution
- Up to 720p
- Input: WSXGA+ (1680x1050), SXGA (1280x1024), HD (1280x720), XGA (1024x768), SVGA (800x600), VGA (640x480)
- Output: 720p (1280x720), 1080 (1920x1080), XGA (1024x768), SVGA (800x600)

Camera
- Polycom EagleEye camera
  - 1280x720p CCD imager
  - 12x optical zoom
  - 72deg FOV at min zoom
  - +/- 100 deg pan range
  - +20/-30 deg tilt range
- Output formats:
  - SMPTE 296M 1280x720p, 50/60 FPS

Audio Standards & Protocols
- Polycom StereoSurround™
- 22kHz bandwidth with Polycom Siren™ 22
- 14kHz 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
- Instant adaptation echo cancellation
- Audio error concealment
- Keyboard noise reduction

Other ITU-Supported Standards
- H.221 communications
- H.224/H.281 far-end camera control
- H.323 Annex Q far-end camera control
- H.225, H.245, H.241
- H.239 dual stream
- H.231 in multipoint calls
- H.243 chair control
- H.460 NAT/firewall traversal

Network
- Interface
  - 10/100/1000 auto NIC switch,
- H.323 up to 2 Mbps
- SIP / H.323 dual stack
- iPriority™ for QoS
- Reconfigurable MTU size
- Polycom Lost Packet Recovery™ (LPR™) for QoS
- Polycom Converged Management Application™ enhancements
  - H.350
  - XMPP presence
  - XML provisioning over HTTPS
- USB interface for diagnostics and software upgrade

User Interface
- Directory services
- System management
  - Web-based
  - SNMP
  - Polycom Converged Management Application
- RSS 2000 integration with HDX remote control
- CDR
- International languages (17)

Security
- Secure Web
- Security mode
- Embedded AES FIPS 197, H.235V3 and H.233/234
- Secure password authentication
- FIPS-140

Options
- Polycom People+Content
- IP 7000 speakerphone integration

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

These numbers were empirically collected under TYPICAL operating conditions. No attempt was made to force max power consumption. Voltages and currents are RMS. Power units are Volt-Amp.

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
- Polycom HDX 6000 Series base box with removable stand
  - 13.87" (H) x 5.08" (W) x 11" (D) (codec)
  - 12 lbs (codec) / 4.18 lbs (camera) / 3.3 lbs (mic & cable) / .55 lbs (remote)

Warranty
- One-year return to factory parts and labor
- 90-day software warranty

Technical Documentation
Award-winning documentation for setting up, maintaining, and using the system available at www.polycom.com/videodocumentation

POLYCOM®