Polycom® HDX® 6000 Series

Dramatically increase productivity and communication among project teams

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 realtime across geographies, speed your time-to-market with accelerated execution across departments. With the Polycom HDX 6000 solution, you're as good as there.

Intuitive to use and manage, the HDX 6000 solution 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™ technology 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 seamlessly integrates with all components of the Polycom Visual Communication portfolio, including the Polycom® RealPresence® Experience (RPX™) and Polycom® OTX™ immersive telepresence system, Polycom® HDX telepresence solutions, Polycom® RealPresence® Collaboration Server (RMX) conference platforms, 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.

Benefits

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

- Faster decision making and execution on mission critical projects

- A quality experience on any network, from a home office to a corporate board room maintained with Polycom® Lost Packet Recovery™ (LPR™) technology

- Incredible video quality starting from 128 Kbps

Product specifications

Package includes

- Polycom® EagleEye™ III or EagleEye™ View camera, codec, Polycom® 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

- 1x Polycom EagleEye HD camera
- 1x DVI-I

Video output

- 1x HDMI

People video resolution

- 720p, 30fps from 512 kbps
- 720p 60/30fps (RX/TX) from 832kbps
- 1080p, 30/15 fps (RX/TX) from 1024kbps
- 4SIF/4CIF, 30 fps from 128Kbps
- 4SIF/4CIF, 60 (RX) fps from 512Kbps
- SIF (352 x 240), CIF (352 x 288)
- QSIF (176 x 120), QCIF (176 x 144)

Content video resolution

- Resolutions supported: 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 Polycom® People+Content™ IP

Camera

- Polycom® EagleEye III Camera
  - SMPTE 296M 1280 x 720p60 SMPTE 274M 1920 x 1080p, 60/50
  - 12x optical zoom
  - 72° FOV min
- Polycom® EagleEye View camera
  - 1920 x 1080 EPTZ camera
  - 4X digital zoom
  - 55° FOV min
  - Internal stereo microphones

Polycom® EagleEye™ Acoustic Camera

- 1920 x 1080 EPTZ camera
- 2X digital zoom
- Internal stereo microphones

Audio input

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

Audio output

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

Audio standards and protocols

- Polycom® StereoSurround™ technology
- 22kHz bandwidth with Polycom® Siren™ 22 technology
- 14kHz bandwidth with Polycom Siren 14 technology, G.722.1 Annex C
- 7kHz bandwidth with G.722, G.722.1
- 3.4kHz bandwidth with G.711, G.728, G.729A

Polycom® Constant Clarity™ technology

- Automatic gain control
- Automatic noise suppression
- Keyboard noise reduction
- Polycom® MusicMode™
- 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
- BFCP (RFC 4562)

Network

- Polycom® iPriority™ for QoS
- 10/100/1000 auto NIC (RJ45)
- Auto-MDIX
- H.323 and/or SIP up to 2 Mbps
- Polycom Lost Packet Recovery™ (LPR™)
- Reconfigurable MTU size (IP only)
- SIP Firewall Traversal (Acme Packet)
- API Support via Telnet
- Microsoft® Office Communications Server integration
- Microsoft® ICE support
- Microsoft® Lync® support
- IBM® Sametime™ support

User interface

- Directory services
- Polycom® SmartPairing™ technology

System management

- System management
  - Web-based
  - SNMP
  - Polycom Converged Management Application (CMA solution)
- 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)
- Secure password authentication

Options

- Polycom® Touch Control
- Polycom® EagleEye™ Director
- 1080p
- Polycom® SoundStation® IP 7000 speakerphone integration
- Polycom® HDX® Media Center options
- RTV/CCCP

Electrical

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

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)
- 12lbs (5.5kg)

Warranty

- One-year return to factory parts and labor

Need flexible financing?

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About Polycom

Polycom is the global leader in open standards-based unified communications and collaboration (UC&C) 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.

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