

Polycom HDX 9000 Series Specifications

Package Includes

- Codec, HDX Microphone Array, 6 Mbps point-to-point, Polycom People+Content™, People+Content IP, People on Content™, cables and remote control

Video Standards and Protocols

- H.264, H.264 High Profile IP, H.263++ , H.261
- H.239 / Polycom People+Content
- H.263 & H.264 Video Error Concealment

Video Input

- 2 x Polycom EagleEye™ HD camera
- 1 x Component (main camera #1)
- 1 x Component (VCR/DVD)
- 1 x DVI-I

Video Out

- 2 x DVI-I HD video out
- 1 x BNC (S-Video/Composite) VCR

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

- 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 Frame Rate: 30 fps

Camera (optional)

- Polycom EagleEye camera
 - 1280 x 720p CCD imager
 - 12X optical zoom, 72° FOV
- Polycom EagleEye II camera
 - 1920 x 1080 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

- 4 HDX microphone arrays supported
- 1 x Line-level stereo in (Phoenix)
- 1 x PC audio in (Phoenix)
- 1 x VCR / DVD stereo audio-in (Phoenix)



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 6 Mbps
- Polycom Lost Packet Recovery™ (LPR™)
- Reconfigurable MTU size (IP only)
- 2 x RS232 (camera control on both)
Second RS232 port includes:
 - Data pass-through
 - Audio mixer control
 - Full serial API support
- 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
- 1 x Analog phone interface (POTS)
- Microsoft® Office Communications Server integration
- Microsoft® ICE support

User Interface

- Directory services
- System management
 - Web-based

- SNMP

- Polycom Converged Management Application™ (CMA™)

- 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

- EagleEye Cameras
- HDX microphone array
- Ceiling microphones
- Extension cables
- MPPlus software for up to 4 sites (HDCP)
- Network interfaces modules
- IP 7000 speakerphone integration
- Polycom HDX Media Center options
- IR remote receiver

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

- Video base unit
 - 17.2" x 3.4" x 14.5" (H/W/D standing)
 - 20 lbs

Warranty

- One-year return to factory parts and labor

Polycom Worldwide Headquarters
4750 Willow Road, Pleasanton, CA 94588
1.800.POLYCOM or +1.925.924.6000
www.polycom.com

