

# Polycom HDX 8000 Series Specifications

## Package Includes:

- Polycom EagleEye™ or EagleEye II camera, codec, HDX Microphone Array, 6 Mbps point-to-point, 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 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

- 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
- Content Sharing: People+Content™, People on Content™ and People+Content IP

## Camera

- Polycom EagleEye camera
  - 1920 x 1080 CCD imager
  - 12X optical zoom
  - 72° FOV min
- Polycom EagleEye II camera
  - 1920 x 1080 CMOS imager
  - 12X optical zoom
  - 72° FOV min

## Audio Input

- 3 HDX microphone arrays supported
- 1x 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, 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
- 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)
- RS232
  - Camera control
  - 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 2007 integration
- Microsoft® ICE support

## 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

- Polycom EagleEye View camera
- MPPlus software for up to 4 sites (HDCP)
- Network interfaces modules
- IP 7000 speakerphone integration
- Polycom 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 8000 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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