

Polycom HDX 7000 Series Specifications

Package Includes

- Polycom EagleEye™ or EagleEye II camera, codec, HDX Microphone Array, 4 Mbps point-to-point, People+Content™, People+Content IP, 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

- 1 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
- 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™ and People+Content IP

Camera

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

Audio Input

- 2 HDX microphone arrays supported
- 1 x 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 4 Mbps
- Polycom Lost Packet Recovery™ (LPR™)
- Reconfigurable MTU size (IP only)
- RS232
 - Camera control
 - Data pass-through
 - Audio mixer control
- 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
- Microsoft® Office Communications Server 2007 integration
- Microsoft® ICE support

User Interface

- Directory services
- System management

- Web-based

- SNMP

- Polycom Covered Management Applications™ (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 (SDCP)
- Network interface 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 7000 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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