Polycom® HDX™ 8000 Series

Q: What maximum video resolutions are available with the HDX 8000 system?
A: The HDX 8000 supports up to 720p60 and 1080p30.

Q: What is 720p60?
A: 720p60 (60 frames per second) offers the highest motion resolution possible. Progressive scanning reduces the need to prevent flicker by filtering out fine details, so sharpness is much closer to 1080i than the number of scan lines would suggest.

Q: Which HDX 8000 system supports 720p60?
A: The entire HDX 8000 Series with Rev B hardware.

Q: Which system supports 1080p?
A: All HDX 8000 Series Rev B hardware systems support 1080p with a 1080i source is connected to the codec.

Q: What call speeds are needed to achieve different video resolutions?
A: 4C/SIF30 from 128 kbps | 4C/SIF60 from 512 kbps | 720p30 – from 512 kbps | 720p60 – from 832 kbps| 1080p – from 1024 kbps

Q: What software rev is needed to achieve the highest video resolutions at the lowest call speeds?
A: Minimum of HDX 2.6

Q: What camera settings are needed to achieve 720p60 and 1080p?
A: 1080p - set camera to Sharpness, 720p60 – set camera to Motion.

Q: How many camera inputs are supported?
A: 4 total (2 x HDCI, 1 x DVI-I, 1 x S-Video)

Q: Is component video supported – for something like a Blu-ray player?
A: Yes. A user can utilize the included HDCI to Component break-out cable. If audio is needed, audio may be connected through the AUX Audio input.

Q: How many displays are supported?
A: 3 total (2 x DVI-I, 1 x S-Video)

Q: How many microphone arrays are supported?
A: Total of 3 (combination of ceiling microphones, table top and SoundStation IP 7000 conference phone)

Q: Does the HDX 8000 support ISDN/V.35/PRI?
A: Yes, through the optional network adaptors.

Q: What models are available with the HDX 8000?
A: HDX 8002 & 8004 (up to 720p60 capability standard) and HDX 8006 (up to 1080p30 capability standard)

Q: Does People+Content (H.239) support High Definition?
A: The entire HDX Series uses H.239 People+Content. When using a minimum of 1024 kbps bandwidth, both people and content will be in high definition.

Q: How do you share content with HDX 7000?
A: People+Content™, People on Content and People+Content IP.

Q: Does People+Content (H.239) run at full frame rate?
A: Yes, People video can run at 1080p30 or 720p60 and Content video can transmit up to 720p30.

Q: What PC resolutions are supported for H.239 and People+Content?
A: Resolutions up to 1680x1050 are supported. .

Q: Are there options available for the HDX 8000?
A: Yes, MP Plus 4-way is an option and is capable of High Definition Continuous Presence.

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Q: Does this product support API commands and serial control?
A: Yes. The Integrator's Reference Manual for the HDX Series documents over 200 supported commands designed to enable flexibility and customization in integrated rooms. These commands are accepted either through a Telnet interface or via an IR interface.

Q: Does the HDX 8000 integrate with Microsoft® OCS™
A: Yes. The video system can register to the server and have similar functionality as an OCS client. From directory to one-touch dialing.

Q: Does the HDX 8000 support Dual Monitor Emulation (DME)?
A: Yes the system will support DME. However, when in a call and sharing content, the HDX will only display far-end video and content. Near-end video will not be displayed.

Q: What is Live Music Mode?
A: This feature, when enabled, transmits audio using a configuration that reproduces live music picked up by microphones more faithfully. For example, noise suppression and automatic gain control are disabled when this setting is enabled.

Q: What cameras are supported with the HDX 8000 Series?
A: Cameras supported on the HDX 8000 Series include:
• Polycom EagleEye| EagleEye View | EagleEye 1080
• Polycom PowerCam Plus
• Polycom PowerCam
• Sony EVI-D30/31
• Sony EVI-D70 / Vaddio WallVIEW 70
• Sony EVI-D100 / Vaddio WallVIEW 100
• Sony BRC-300 / Vaddio WallVIEW 300
• Elmo PTC-100S/110R/150S/160R
• Canon VC-C50i
• Sony BRC-H700
• Sony EVI-HD1

Q: What is the max length of camera cable?
A: When used with a Polycom EagleEye camera the main camera cable can be extended 250 feet using an analog component HDCI pin out.

If a second Polycom EagleEye camera is used, an optional power supply must be used.

Q: Are there furniture options available for the HDX 8000?
A: Yes, an entire series of stylish packaged solutions to fit any size environment and budget are available. Please visit www.polycom.com for additional information.