ALL-IN-ONE VIDEO BAR FOR LARGE CONFERENCE ROOMS

BENEFITS

- Everyone in a large meeting space is captured in flawless life-like video through dual 4k cameras with 20-megapixel sensors that transition undetected between the wide-angle and narrow lenses.
- Crystal-clear, boardroom-filling audio from two-way stereo speakers, aluminum cone tweeters, and advanced bass ports.
- Enjoy a seamless native experience on all the leading cloud video apps — no PC or separate gateway required.
- Ensure everyone is seen clearly with Poly DirectorAIs pinpoint-accurate automatic framing technologies.
- Keep distracting noises and side conversations from interrupting your meetings with Poly NoiseBlockAI and Acoustic Fence technologies.

POLY STUDIO X70

Poly Studio X70 is a beautifully engineered, premium video conference solution that combines AI-driven video with boardroom filling stereo sound for simply the best meeting experience available. With a sleek all-in-one plug-and-play design, the Poly Studio X70 eliminates tangled cables and IT headaches while providing robust audio and video. There's no PC required, either: Cloud video apps are built right in, offering familiar controls, and support for the leading cloud video services. And with Poly Lens, deployment, management and analytics are a breeze for IT.

- Dual cameras with 4K sensors.
- Two-way stereo speakers, aluminum cone tweeters, and advanced bass ports.
- Poly DirectorAI smart camera technology.
- Poly NoiseBlockAI and Acoustic Fence smart audio filtering technologies.
- Seamless native experience on leading cloud video services.

POLY STUDIO X70

SPECIFICATIONS

PACKAGE INCLUDES

- Poly Studio X70
- Power Supply
- 2x HDMI cable
- Ethernet cable
- Wall mount

VIDEO STANDARDS AND PROTOCOLS

- H.264 AVC, H.264 High Profile, H.265

VIDEO INPUT

- 1x HDMI

VIDEO OUT

- 2x HDMI
- Touch display compatible

PEOPLE VIDEO RESOLUTION

- 4K, 30 fps (TX and RX) from 2048 Kbps
- 1080p, 30 fps from 1024 Kbps
- 720p, 30 fps from 512 Kbps

CONTENT VIDEO RESOLUTION

- Input
  - UHD (3840 x 2160)
  - FHD (1920 x 1080p)
  - WSXGA+ (1680 x 1050)
  - UXGA (1600 x 1200)
  - SXGA (1280 x 1024)
  - WXGA (1280 x 768)
  - HD (1280 x 720p)
  - XGA (1024 x 768)
  - SVGA (800 x 600)
- Output
  - UHD (3840 x 2160)
  - WUXGA (1920 x 1200)
  - HD (1920 x 1080)
  - WSXGA+ (1680 x 1050)
  - SXGA+ (1400 x 1050)
  - SXGA (1280 x 1024)
  - HD (1280 x 720)
  - XGA (1024 x 768)
- Content frame rate
  - 5–30 fps (up to 4K resolution at 15 fps in call)

ROOM ANALYTICS

- Room participant counting detection
- Air Quality Sensor[1]
  - CO2 and Volatile Organic Compounds (VOC)

CONTENT SHARING

- Apple AirPlay
- Miracast
- HDMI input
- Whiteboarding

CAMERA

- 2 lenses
  - Wide: 120° HFOV, 140° DFOV
  - Narrow: 70° HFOV, 78° DFOV
- 2x 20 Megapixel sensors
- 7.3x digital zoom
- UHD 2160p (4K) capture resolution
- Automatic meeting experience powered by Poly DirectorAI including group framing, people framing (preview feature), and speaker framing
- Additional cameras can be added via USB

AUDIO

- Poly NoiseBlockAI technology
- Poly Acoustic Fence technology

AUDIO INPUT

- 1x 3.5 mm
- 1x HDMI

MICROPHONES

- 2x MEMS microphones, plus 2x 2nd order microphones
- Microphone pickup range up to 25 ft
- Optional expansion microphone available (p/n 2200-69631-001)

AUDIO OUTPUT

- 1x 3.5mm
- Two-way Stereo Speakers
- Mid speakers
  - Power Handling (RMS) 20 Watts
  - Power Handling (MAX) 30 Watts
  - Sensitivity 83 dB
- Tweeter speakers
  - Power Handling (RMS) 15 Watts
  - Power Handling (MAX) 20 Watts
  - Sensitivity 89 dB
- Custom Tuned Bass Ports for rich sound
- 1x HDMI

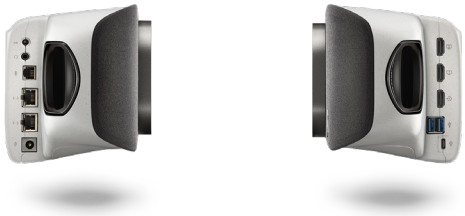
OTHER INTERFACES

- 2x USB-A (3.0)[2]
- 1x USB-C[3]
- Bluetooth® 5.0[4]
- 2x RJ45[1]
- WiFi 802.11a/b/g/n/ac (MIMO) Multi-channel Concurrency[4]

AUDIO STANDARDS AND PROTOCOLS

- 22 kHz bandwidth with Polycom Siren 22 technology
- 20 kHz bandwidth with G.719 (M-Mode) and Polycom Siren 22 technology
- 14 kHz bandwidth with Polycom Siren 14 technology, 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

POLY STUDIO X70



SPECIFICATIONS

NETWORK

- IPv4
- IPv6
- 2x 10/100/1G Ethernet (RJ45)
- Auto-MDIX
- H.323 and/or SIP up to 6 Mbps running Poly Video App
- Polycom Lost Packet Recovery (LPR) technology
- Dynamic bandwidth allocation
- Reconfigurable MTU size
- Web proxy support
  - Basic
  - Digest
  - NTLM

SECURITY

- Media encryption (H.323, SIP)
  - AES-128
  - AES-256
- H.235.6 support
- Authenticated access to admin menus, web interface, and API
- Local account password policy configuration
- Security profiles
- Local account and login port lockout
- Secure defaults
- Remote logging with support for TLS
- Active directory external authentication
- Electronic privacy shutter

OPTIONS

- VESA mount kit
- Stand
- Poly TC8
- Poly TC10
- Poly Bluetooth remote control
- Poly Trio
- Studio Expansion Microphone
- TAA, JITC and no radio versions available

INTEROPERABILITY

- Zoom Certified
- Microsoft Teams Certified
- Google Meet Certified
- All cloud service providers through Poly Video App mode
- USB Device Mode
- Support for native 3rd party applications includes Zoom, Microsoft Teams, Google Meet, BlueJeans, Dialpad, GoToRoom and RingCentral

DIGITAL SIGNAGE

- Raydiant
- Appspace

ELECTRICAL

- Auto sensing power supply
- Typical operating voltage/power
  - 37 VA @ 120 V @ 60 Hz
  - 37 VA @ 230 V @ 50/60 Hz
- Typical BTU/h
  - 65

ENVIRONMENTAL SPECIFICATION

- Operating temperature
  - 0 to 40 °C
- Operating humidity (non-condensing)
  - 15 to 80%
- Non-operating temperature
  - -40 to 70 °C
- Non-operating humidity (non-condensing)
  - 5 to 95%
- Maximum altitude
  - 16,000 ft

PHYSICAL CHARACTERISTICS

- 840.18 mm/33.1 in (W) x 135.38 mm/5.3 in (H) x 117.33 mm/4.6 in (D)
- 7.05 lbs/3.2 kg

MANAGEABILITY

- Cloud: Poly Lens service

WARRANTY

- One-year return to factory parts and labor

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[1] Designated for future use

[2] Used for connected peripherals

[3] Used for connected PC

[4] TAA, JITC and no radio versions available. Product details and specifications are subject to change. Some features may only be available with certain native apps or in Poly video mode.

LEARN MORE

For more information on Poly Studio X70 visit poly.com/studio

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