POLY STUDIO X70

Poly Studio X70 is a beautifully engineered, premium videoconference solution that combines razor-sharp 4K 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. Enjoy native support from your choice of video-as-a-service platforms—no PC needed. Its AI-driven video and audio experience enables the Poly Studio X70 to turn any large-room video call into a hassle-free delight.

• Dual cameras with 4K+ sensors.
• Two-way stereo speakers, aluminum cone tweeters, and advanced bass ports.
• Poly DirectorAI smart camera technology.
• NoiseBlockAI noise reduction technology.
• Seamless native experience on leading cloud video services.

VIDEO BAR FOR LARGE CONFERENCE ROOMS

BENEFITS

• Life-like video with dual cameras each with their own 4K+ sensor.
• Crystal-clear, boardroom-filling audio from two-way stereo speakers, aluminum cone tweeters, and advanced bass ports.
• Ensure everyone is seen clearly with Poly DirectorAI’s pinpoint-accurate automatic framing technologies.
• Prevent distracting noises and side conversations from interrupting your meetings with NoiseBlockAI and Acoustic Fence technology.
**POLY STUDIO X70**

**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

**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**
- Content frame rate
  - 5–30 fps (up to 4K resolution at 15 fps in call)

**ROOM ANALYTICS**
- Room participant counting detection
- Air Quality Sensor
  - CO2 and Volatile Organic Compounds (VOC)

**CONTENT SHARING**
- Poly content app
- Apple Airplay
- Miracast
- HDMI input
- Whiteboarding

**CAMERA**
- 2 lenses
  - 120-degree HFOV, 70-degree HFOV
  - 140-degree DFOV, 78-degree 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 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

**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)
- 1x USB-C
- Bluetooth 5.0
- 2x RJ45
- WiFi 802.11a/b/g/n/ac (MIMO) Multi-channel Concurrency

**CONTENT FRAME RATE**
- Input
  - UHD (3840 x 2160)
  - FHD (1920 x 1080)
  - WSXGA+ (1680 x 1050)
  - UXGA (1600 x 1200)
  - SXGA (1280 x 1024)
  - WXGA (1280 x 768)
  - HD (1280 x 720)
  - 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)

**MICROPHONES**
- 2x MEMS microphones, plus 2x 2nd order microphones
- Microphone pickup range up to 25 ft

**DATA SHEET**
**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 Bluetooth remote control
- Poly Trio
- Studio Expansion Microphone
- TAA, JTC and no radio versions available

**INTEROPERABILITY**
- All cloud service providers through Poly Video App Mode
- Support for native 3rd party applications includes:
  - Zoom
  - GoToRoom
  - RingCentral
  - StarLeaf
  - DialPad

**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, JTC and no radio versions available
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-x70](http://poly.com/studio-x70)

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