



DRAMATICALLY IMPROVE CONFERENCING

BENEFITS

- Provide users all the flexibility they need to join any cloud video call with numerous connectivity options.
- Everyone is represented equally on the call with pinpoint-accurate AI-enhanced automatic framing and smart audio filtering technologies from Poly.
- Make collaboration better with Poly Lens remote device management software. Give IT better visibility and the power to make impactful changes.

POLY STUDIO X52 - ALL-IN-ONE VIDEO BAR FOR MEDIUM SIZED ROOMS

Specifically engineered to improve the video conferencing experience within a hybrid meeting environment, the Poly Studio X52 all-in-one video bar simplifies and enhances meetings. Bring meeting equality to attendees both in and out of the room with innovative audio and video experiences.

- Zoom into the action and see the smallest details with 20MP 4K UltraHD 95-degree FOV camera.
- Poly DirectorAI smart camera technology creates an equitable experience for your hybrid meetings.
- Mid-sized rooms can be ready in minutes, with the simple setup and all-in-one design including camera, mics, speakers, and built-in cloud video apps.
- Surround in-room meeting participants with legendary sound and remove distractions with noise canceling technologies.

POLY STUDIO X52



SPECIFICATIONS

PRODUCT SPECIFICATIONS

Package includes:

- Poly Studio X52
- Power supply
- HDMI cable
- Ethernet cable
- Monitor clamp
- Privacy cover

VIDEO STANDARDS AND PROTOCOLS

- H.264 AVC, H.264 High Profile, H.265, H.239

VIDEO INPUT

- 1x HDMI

VIDEO OUT

- 2x HDMI
- Touch display compatible

PEOPLE VIDEO RESOLUTION

- 4K, 30 fps (TX and RX) from 2048 Kbps
- 1080p, 60 fps from 1740 Kbps
- 1080p, 30 fps from 1024 Kbps
- 720p, 60 fps from 832 Kbps
- 720p, 30 fps from 512 Kbps

CONTENT VIDEO RESOLUTION

- Input
 - UHD (3840 x 2160)
 - HD (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
 - 5–60 fps (up to 4K resolution at 15 fps in call)

CONTENT SHARING

- Apple Airplay
- Miracast
- HDMI input
- Whiteboarding

CAMERA

- 110° DFOV, 95° HFOV
- 5x digital zoom
- UHD 2160p (4K) capture resolution
- Automatic meeting experience powered by Poly DirectorAI including group framing, people framing and speaker framing
- Secondary cameras can be added via USB and HDMI

AUDIO INPUT

- 1x HDMI
- Input for optional expansion microphone

MICROPHONES

- 2x MEMS microphones, plus 2x 2nd order microphones
- Up to 20 ft of microphone pick up range
- Optional expansion microphone available
- Poly noise filtering technologies

AUDIO OUTPUT

- Stereo speakers
 - Power Handling (RMS) 20 Watts
 - Power Handling (MAX) 40 Watts
 - Sensitivity 79 dB at 1-Watt 1 meter

OTHER INTERFACES

- 2x USB-A (3.0)
- 1x USB-C
- Bluetooth® 5.0*
- WiFi 6.0 802.11a/b/g/n/ac/ax Multi-channel Concurrency*

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 X52



NETWORK

- IPv4
- IPv6
- 1x 10/100/1G Ethernet
- 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, and NTLM

SECURITY

- Media encryption (H.323, SIP): AES-128, AES-256
- H.235.6 support
- Authenticated access to admin menus, web interface, and API
- Binary Floor Control Protocol (BFCP)
- 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

OPTIONS

- VESA mount kit
- Wall mount
- Table stand
- Poly TC8
- Poly TC10
- Poly Bluetooth remote control
- Poly Trio
- Poly Studio Table Microphone
- Metal faceplate
- TAA, JITC and no radio versions available

INTEROPERABILITY

- Support for native 3rd party applications including Zoom, Microsoft Teams and Google Meet
- Connect through H.323 and SIP protocols using Poly Video App Mode
- USB device mode

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
 - Operating Heavily Loaded: 25W
 - Idle/Sleep: 8W
- Typical BTU/h: 65

ENVIRONMENTAL SPECIFICATION

- Operating temperature: 0 to 40 °C / 32 to 104 °F
- Operating humidity (non-condensing): 15 to 80%
- Non-operating temperature: -40 to 70 °C / -40 to 158 °F
- Non-operating humidity (non-condensing): 5 to 95%
- Maximum altitude: 16,000 ft / 4,876.8 m

PHYSICAL CHARACTERISTICS

- 30.3 W x 4.5 H x 4 D (Inches)
769.5 W x 115.2 H x 103 D (MM)
- 5.6 lbs/2.54 kg

MANAGEABILITY

- Cloud: Poly Lens service

WARRANTY

- One-year return to factory parts and labor

*Not available on no radio versions

Product details and specifications are subject to change. Some features may only be available with certain native apps or in Poly video mode.