

Poly Studio X70 All-In-One Video Bar

Enable meeting equality

The Poly Studio X70, all-in-one video bar, offers quality audio and video performance in large meeting spaces. Enjoy pinpoint-accurate automatic framing and tracking modes, distraction-free audio technology, and lifelike 4K UltraHD video.



*Product image may differ from actual product

Crystal clear video

Ready for your close-up? This all-in-one video bar transitions seamlessly between wide and narrow-angle cameras, showing everyone in your large meeting spaces in sharp detail.

Production-quality performance

Keep your eye on the action with Poly DirectorAI intelligent camera framing and NoiseBlockAI technology – all powered by machine learning. Get advanced vocal pickup from our next gen microphones. Easily share content over wired or wireless connections.

Smart camera tech

Give everyone in hybrid meetings an equal seat at the virtual table using a choice of framing modes with Poly DirectorAI smart camera technology.

4K cameras

No one looks their best with pixelated video. Enjoy richer, more life-like meeting experiences with 4K UltraHD video.

Noise blocking innovations

Outside noise and side conversations can quickly derail a hybrid meeting. Keep background noise in check with Poly NoiseBlockAI and Acoustic Fence technologies.

Beamforming microphone

Make communicating effortless for everyone on the call, with a next-generation beamforming microphone array that clearly picks up all voices in a room.

Datasheet

Poly Studio X70 All-In-One Video Bar

Specifications



Camera

Camera resolution: 2160p, 4K UHD (3840 x 2160)
Diagonal field of view (dFoV): 140° (wide); 78° (narrow)
Total Camera Megapixels: 2 x 20 MP
Zoom capability: 7.3x digital
Camera type: DualHens
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); HD (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)
Content video resolution (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 sharing: Apple AirPlay; Miracast; Digital Whiteboarding; HDMI input
Video frame rate: 5-30 fps (up to 4K resolution at 15 fps in call)
Digital signage: Appspace; Raydiant
Lens privacy capabilities: Integrated
Horizontal field of view (hFoV): 120° (wide); 70° (narrow)
Video standards: H.264 AVC; H.264 High Profile; H.265

Connectivity and communications

External I/O ports:
 1 USB Type-C® 5Gbps signaling rate
 2 USB Type-A 5Gbps signaling rate
 2 RJ-45
 1 audio-in
 1 audio-out
 2 HDMI-out 1.4 (video)
 1 HDMI-in 1.4 (audio)
Interoperability: Zoom Certified; Microsoft Teams Certified; All cloud service providers through Poly Video App mode; USB Device mode; Support for native 3rd party applications including Zoom, Microsoft Teams, BlueJeans, Dialpad, GoToRoom, RingCentral and StarLeaf
Wireless technologies:
 Wi-Fi 802.11a/b/g/n/ac (MIMO) Multi-channel Concurrency; Bluetooth® 5.0¹ TAA, JITC and no radio versions available.

Audio

Audio features:
 Poly NoiseBlockAI technology
 Poly Acoustic Fence technology
Microphone type: Two MEMS microphones; Two second-order microphones
Speaker output power: 2 x 20 W (RMS for mid speakers); 2 x 30 W (maximum for mid speakers); 2 x 15 W (RMS for tweeter speakers); 2 x 20 W (maximum for tweeter speakers)
Audio standards: 22 kHz with Polycom Siren 22 technology; 20 kHz with G.719 (M-Mode) and Polycom Siren 22 technology; 14 kHz with Polycom Siren 14 technology, G.722.1 Annex C; 7 kHz with G.722, G.722.1; 3.4 kHz with G.711, G.728, G.729A
Speaker type: Two-way stereo speakers
Sensitivity (speaker): 83 dB (mid speakers); 89 dB (tweeter speakers)
Microphone pickup range (metric): Up to 7.62 m
Microphone pickup range (imperial): Up to 25 ft

Battery

Power features: 65 BTU h

Certifications

Certified collaboration software: Zoom; Microsoft Teams; Google Meet
Special features: Automatic meeting experience powered by Poly DirectorAI smart camera technology including group framing, people framing (preview feature), and speaker framing; Auto sensing power supply

Environmental

Operating Altitude (Imperial) / Operating Altitude (metric): 16,000 ft / 4,877 m
Operating humidity range: 15 to 80%
Non-operating humidity range: 5 to 95%
Operating Temperature Range (Celsius) / Operating Temperature Range (Fahrenheit): 0 to 40 °C / 32 to 104 °F
Non-operating temperature - Celsius: -40 to 70 °C
Non-operating temperature - Fahrenheit: 40 to 158 °F

Applications supported

Management software:
 Poly Lens

Security

Standard Kensington lock slot

Weight and dimensions

Weight (imperial): 7.05 lb
Weight (metric): 3200 g
Product dimensions (imperial): 33.1 x 5.3 x 4.6 in
Product Dimensions (metric): 840.18 x 135.38 x 117.33 mm
UPC number: 197497449204
Product number: 83Z51AA

Warranty

Poly standard one-year limited warranty

What is in the box

Poly Studio X70
 AC power adapter
 2 HDMI cable
 Ethernet cable
 Wall mount kit

Key Selling Points Footnotes

¹ Visit <https://www.poly.com/us/en/products/video-conferencing/studio/studio-x70> for more detail.

Technical Specifications Footnotes

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