

# 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:** Dual-lens  
**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® 5.0<sup>1</sup> 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

### 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 /  
**Non-operating temperature - Celsius:** -40 to 70 °C

### Applications supported

**Management software:**  
 Poly Lens

### Security

Standard Kensington lock slot

### Network

**Network capabilities:** IPv4; IPv6; 1x 10/100/1G Ethernet; Auto-MDIX; H.323 and/or SIP up to 6 Mbps in Poly App video mode; Polycom Lost Packet Recovery (LPR) technology; Dynamic bandwidth allocation; Reconfigurable MTU size; Web proxy support: basic, digest, and NTLM

### Weight and dimensions

**Weight (metric):** 3200 g  
**Product Dimensions (metric):** 840.18 x 135.38 x 117.33 mm  
**UPC number:** 197498519111  
**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

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

#### Technical Specifications Footnotes

1