

# Poly Studio X52 All-In-One Video Bar

## Dramatically improve meetings

Specifically engineered to improve video conferencing experiences—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.



\*Product image may differ from actual product

### Choose how you join a call

Provide users all the flexibility they need to join any cloud video call with built-in apps, standards-based protocols, or by using their personal devices connected to the room system.

### Everyone is seen and heard

Ensure everyone is represented equally on the call with quality audio and video paired innovative technologies by Poly that include pinpoint-accurate AI-enhanced automatic framing and smart audio filtering.

### Enterprise-grade management

Poly Lens, remote device management, gives you better visibility into workspaces across the entire organization. IT professionals can remotely monitor and troubleshoot Poly devices as well as streamline applying bulk software and policies.

### Sharp and clear optics

Zoom in and see the smallest details with 20MP 4K UltraHD 95-degree FOV camera that's thoughtfully designed for medium spaces. Always present in the best light in spaces with sharp clear optics, true color, and low light compensation.

### Everyone is seen at the table

Encourage meeting engagement with intelligent video experiences that help remote participants feel connected. Poly DirectorAI smart camera technology creates an equitable experience for your hybrid meetings.

### Get going in minutes

Mid-sized rooms can be up and running in minutes, with the simple setup and all-in-one design. And with the powerful camera, mics, speakers, and built-in cloud video apps - you'll have everything you need to cover conferencing spaces.

### Hear and be heard

Surround meeting participants with rich and immersive sound from built-in stereo speakers. Clearly pick up voices at the far end of the table and remove distractions from your meeting with Poly NoiseBlockAI and Acoustic Fence technologies.

[Datasheet](#)

# Poly Studio X52 All-In-One Video Bar

## Specifications



### Camera

**Camera resolution:** 2160p, 4K UHD (3840 x 2160)  
**Diagonal field of view (dFoV):** 110°  
**Total Camera Megapixels:** 20 MP  
**Zoom capability:** 5x digital  
**Camera type:** Single-lens  
**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 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); 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:** 5-60 fps (up to 4K resolution at 15 fps in call)  
**Lens privacy capabilities:** Attachable  
**Horizontal field of view (hFoV):** 95°  
**Camera range (metric):** Up to 6.1 m  
**Video standards:** H.264 AVC; H.264 High Profile; H.265; H.239

### Connectivity and communications

**External I/O ports:**  
 1 HDMI-in 2.0 (video and audio)  
 2 HDMI-out 2.0 (video)  
 1 USB Type-C® 5Gbps signaling rate  
 2 USB Type-A 5Gbps signaling rate  
 1 RJ-45  
 1 line in (optional microphone)  
**Interoperability:** All cloud service providers through Poly Video App mode; USB Device mode  
**Wireless technologies:**  
 Bluetooth® 5.0; Wi-Fi 802.11a/b/g/n/ac/ax (MIMO) Multi-channel Concurrency

### Audio

**Audio features:**  
 Full duplex audio  
 Acoustic echo cancellation  
 Poly NoiseBlockAI technology  
 Poly Acoustic Fence technology  
**Microphone type:** Two MEMS microphones; Two second-order microphones  
**Speaker output power:** 1 x 20 W (RMS); 1 x 40 W (maximum)  
**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:** Stereo speakers  
**Sensitivity (speaker):** 79 dB  
**Microphone pickup range (metric):** Up to 6.09 m

### Battery

**Power supply type:** External  
**Power features:** 65 BTU h  
 37 VA, 120 V 60 Hz  
 37 VA, 230 V 50/60 Hz

### Certifications

**Special features:** Automatic meeting experience powered by Poly DirectorAI smart camera technology including group framing, people framing (preview feature), and speaker framing

### 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  
**Security management:**  
 AES 128 bits encryption  
 AES 256 bits encryption  
 H.235.6 support  
 Authenticated access to admin menus, web interface, and APIs  
 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

### 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

**Product Primary Color:** White  
**Weight (metric):** 2.54 kg  
**Product Dimensions (metric):** 769.5 x 115.2 x 103 mm  
**UPC number:** 196548564606  
**Product number:** 8D8K2AA

### Warranty

Poly standard one-year limited warranty

### What is in the box

Ethernet cable  
 Monitor clamp  
 AC power adapter  
 HDMI cable  
 Power cable  
 Poly Studio X52