

# Poly Studio X52 All-In-One Video Bar with TC10 Controller Kit

## 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.

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## Featuring



### 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.

### Join the way you want to

Connect to nearly any cloud video service using built-in cloud video apps. Use the Poly Video App to connect into cloud video services through H.323 and SIP or connect to any cloud video platform from your PC by connecting over USB.

### Complete call control

Instantly take charge of calls and room video systems with the large 10" high-resolution touch display of the Poly TC10. Share content with a tap and get seamless access to your favorite cloud video apps on your room's video system.

### Easy management via Poly Lens

Take control of your deployment from anywhere via remote management with Poly Lens cloud-based device management software.

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## Specifications

### Camera

**Camera resolution:** 2160p, 4K UHD (3840 x 2160)  
**Diagonal field of view (dFoV):** 110°  
**Horizontal field of view (hFoV):** 95°  
**Total Camera Megapixels:** 20 MP  
**Zoom capability:** 5x digital  
**Camera type:** Single-lens  
**Lens privacy capabilities:** Attachable  
**Camera range (metric):** Up to 6.1 m  
**Camera range (Imperial):** Up to 20 ft  
**Smart camera technology:** People framing; Group framing; DirectorAI perimeter; Speaker framing

### Video

**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)  
**Video frame rate:** 5-60 fps (up to 4K resolution at 15 fps in call)  
**Video standards:** H.264 AVC; H.264 High Profile; H.265; H.265  
**Content sharing:** Apple AirPlay; Miracast; Digital Whiteboarding; HDMI input  
**Digital signage:** Appspace; Raycliant

### 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<sup>2</sup> 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  
 Support for native 3rd party applications including Zoom, Microsoft Teams, Dialpad, GoToRoom, RingCentral and StarLeaf  
**Wireless Technology:**  
 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  
**Microphone pickup range (metric):** Up to 6.09 m  
**Microphone pickup range (Imperial):** Up to 20 ft  
**Speaker output power:** 2 x 60 W (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 Annex C; 7 kHz with G.722, G.722.1; 3.4 kHz with G.711, G.728, G.729A  
**Sensitivity (speaker):** 79 dB (1 W/1 m)  
**Speaker type:** Stereo speakers

### Power supply

**Power supply type:** External; Auto sensing  
**Operating voltage:** 37 VA @ 120 V @ 60 Hz; 37 VA @ 230 V @ 50/60 Hz; 25 W (heavily loaded); 8 W (idle/sleep)  
**Power features:** 65 BTU/h  
 37 VA, 120 V 60 Hz  
 37 VA, 230 V 50/60 Hz  
**Heat dissipation cooling:** 65 BTU/h

### Certifications

**Certified collaboration software:** Zoom; Microsoft Teams; Google Meet

### 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

### Management

**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  
 Binary Floor Control Protocol (BFCP)  
**Product highlights URL:**  
[https://www.hp.com/us-en/privacy/white\\_papers.html](https://www.hp.com/us-en/privacy/white_papers.html)

### 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; Simple Certificate Enrollment Protocol (SCEP)

### Weight and dimensions

**Product Primary Color:** White  
**Master carton quantity:** 1  
**Master carton dimension (Imperial):** 9.64 x 17.32 x 11.61 in  
**Master carton dimension (metric):** 24.5 x 44 x 29.5 cm  
**Master carton weight (Imperial):** 15.49 lb  
**Master carton weight (metric):** 7.03 kg  
**Cartons per layer:** 4  
**Pallet (layers):** 7  
**Cartons per pallet:** 28  
**Products per layer:** 40  
**Products per pallet:** 280  
**Pallet weight:** 787.05 lb; 357 kg  
**UPC number:** (ABA) 196548577569; (AC4) 197498409184  
**Product number:** 8D8L1AA  
**Product name:** Poly Studio X52 All-In-One Video Bar with TC10 Controller Kit

### Warranty

Poly standard one-year limited warranty

### Country of origin

**Country of origin:** Made in Laos

### What is in the box

AC power adapter  
 HDMI cable  
 Power cable  
 Poly Studio X52  
 CAT 5E LAN cable  
 Poly TC10 touch controller  
 Display mounting clamp

### Technical Specifications Footnotes

<sup>2</sup> Product details and specifications are subject to change. Some features may only be available with certain native apps or in Poly video mode.

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## Accessories and services (not included)

**Poly Trio C60 IP Conference Phone**  
Full Radio and PoE-enabled



Bring people together. Launch big ideas. And make sure everyone at the table can be heard, near or far with Poly signature audio. The Trio C60 plays nicely with everyone, delivering native experiences on your favorite collaboration platforms.  
**Product number: 849B4AA**

**Poly G7500 Studio X Bluetooth**  
Remote Control



**Product number: 874R8AA**

**Poly TC10 Touch Controller Black**



The Poly TC10 touch control panel makes meetings more productive and allows users to easily schedule workspaces and conference rooms.  
**Product number: 875K5AA**

**Poly Studio X52 Wall Mount**

**Product number: 875L8AA**

**Poly Studio X52 VESA Mount**

**Product number: 875L9AA**

**Poly Studio X52 Table Stand**

**Product number: 875M0AA**

**Poly Studio X50/X52/X70/USB**  
Expansion Microphone Cable  
Extender Pack

**Product number: 875M4AA**

**Poly Studio X52 Front Panel**  
Replacement

**Product number: 977L8AA**

[Datasheet](#)