

Poly Studio X52 All-In-One Video Bar



*Product image may differ from actual product

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.

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.

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.

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

Appearance

Product colour: Black

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

Sensor size:

Lens privacy capabilities: Attachable

Camera range: Up to 6.1 m

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: 30 fps

Video standards: H.264 AVC; H.264 High Profile; H.265; H.239

Content sharing: Apple AirPlay; Miracast; Digital Whiteboarding; HDMI input

Digital signage: Appsplace; Raydiant

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:

Google Meet, Microsoft Teams, Zoom certified

Support for native 3rd party applications including Dialpad, GoToRoom, RingCentral and StarLeaf

All cloud service providers through Poly Video App mode

USB Device mode²

Wireless Technology:

Bluetooth® 5.0; Wi-Fi 802.11a/b/g/n/ac/ax (MIMO) Multi-channel Concurrency²

Audio

Audio features:

Full duplex audio

Acoustic echo cancellation

Poly NoiseBlockAI technology

Poly Acoustic Fence technology

Automatic gain control (AGC)

Microphone type: Two MEMS microphones; Two second-order microphones

Microphone Pickup Range: Up to 6.09 m

Speaker output power: 2 x 20 W (RMS)

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

Sensitivity (speaker): 79 dB

Speaker type: Dual 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)

Certifications

Certified collaboration software: Zoom; Microsoft Teams; Google Meet

Environmental

Operating altitude: 4,877 m

Operating humidity range: 15 to 80%

Non-operating humidity range: 5 to 95%

Operating temperature range: 0 to 40 °C

Non-operating temperature: -40 to 70 °C

Heat dissipation cooling: 65 BTU/h



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Specifications

Management software

Poly Lens

Security

Standard Kensington lock slot

Security management:

Product highlights URL:

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

Weight: 2.54 kg

Product dimensions: 769.5 x 115.2 x 103 mm

Package weight: 300 g

Logistic information

Master carton quantity: 1

Master carton dimension: 24.5 x 44 x 29.5 cm

Master carton weight: 5.25 kg

Cartons per layer: 4

Layers per pallet: 7

Cartons per pallet: 28

Products per layer: 40

Products per pallet: 280

Pallet weight: 357 kg

Pallet dimensions: 101.6 x 121.9 x 149 cm

Additional information

UPC number: (ABB) 197497110562; (ABU) 197497188141

Product number: 8D8K2AA

Product name: Poly Studio X52 All-In-One Video Bar

Warranty

Poly standard one-year limited warranty

Country of origin

Made in Laos

What is in the box

Ethernet cable

Monitor clamp

AC power adapter

HDMI cable

Power cable

Poly Studio X52



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Accessories and services (not included)

Poly Studio X52/V52 Wall Mount

Product number: 875L8AA

Poly Studio X52/V52 VESA Mount

Product number: 875L9AA

Poly Studio X50/X52/V52 Table Stand

Product number: 875M0AA

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

Product number: 875M4AA

Poly Studio X52/V52 Display Clamp

Product number: 875M5AA

Poly Studio X50/X52/X70/USB Table Microphone

Product number: 875M6AA

Poly Studio X52/V52 Metal Front Panel

Product number: 977L8AA

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Datasheet