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.

Datasheet

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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.

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.239

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

Digital signage: Appspace; 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:

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:

Bluetooth® 5.0; Wi-Fi 802.11a/b/g/n/ac/ax (MIMO) Multi-channel Concurrency[1]

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 20 W (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.7221 Annex C; 7 kHz with G.722, G.7221; 3.4 kHz with G.711, G.728, G.729A

Sensitivity (speaker): 79 dB

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)

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

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

Weight (imperial): 5.6 lb

Weight (metric): 2.54 kg

Product dimensions (imperial): 30.3 x 4.5 x 4 in

Product Dimensions (metric): 769.5 x 115.2 x 103 mm

Package dimensions (imperial): 7.48 x 8.26 x 2.16 in

Package weight: 0.66 lb; 300 g

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): 11.57 lb

Master carton weight (metric): 5.25 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

Package weight (imperial): 0.66 lb

Package Weight (metric): 300 g

UPC number: (ABA) 197497188912; (ABM) 196548577583; (AC4) 197498409177

Product number: 8D8K2AA

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

Warranty

Poly standard one-year limited warranty

Country of origin

Country of origin: Made in Laos

What is in the box

Ethernet cable

Monitor clamp

AC power adapter

HDMI cable

Power cable

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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**

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