

Poly Studio X72 All-In-One Video Bar



*Product image may differ from actual product

Made for big rooms and even bigger ideas

Don't let the size of the room slow your team down during hybrid meetings. Easily set up the Poly Studio X72 all-in-one video bar with AI-enhanced video and audio technology, seamless scalability and flexibility to join nearly any cloud video call.

No one gets left behind

Ensure everyone feels included and make communication effortless with the built-in AV AI technology in this all-in-one video bar.

Big room? We've got you covered

Outfit larger rooms to ensure everyone's captured with this all-in-one video bar. Simply add Poly peripherals¹ to enhance every meeting experience.

Ready. Set. Join the call

Enjoy hassle-free connections and easy setup with the Poly Studio X72 video bar, featuring an all-in-one design and native cloud video experience.

Sustainability in action

Built for a better tomorrow

Containing recycled plastics² and shipped in paper-based packaging³ derived from at least 60% recycled materials, this all-in-one video bar enables more impactful meetings in large rooms with less impact on the environment.

Featuring

Participants in. Distractions out

Make your presence felt with Poly DirectorAI. Framing and tracking modes enhance meetings. Remove distractions and confusion over who says what.

All eyes on the action

Enjoy rich and sharp images with the dual 4K 20MP cameras with 70° and 120° fields of view, ideal for large-sized meeting rooms.

Never miss a beat

Let voices take center stage with the innovative acoustic chamber design and beamforming microphone array of the Poly Studio X72 video bar.

Zero in on the conversation

Fuel productivity with Poly audio innovations. AI and machine learning technology provides a focused call that brings people closer together.

Adapts to your needs

Expand your video conferencing setup seamlessly by connecting additional peripherals over Ethernet for a simple, cost-effective, and scalable setup.

Choose your app. Join the call. Done

Join calls without missing a beat—the Poly Studio X72 is our most flexible all-in-one video bar to date, working with the apps you already know.

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Specifications

Camera

Camera resolution: 2160p, 4K UHD (3840 x 2160)

Diagonal field of view (dFoV): 140° (wide); 78° (narrow)

Horizontal field of view (hFoV): 120° (wide); 70° (narrow)

Total Camera Megapixels: 2 x 20 MP

Zoom capability: 7.3x digital

Camera type: Dual-lens

Lens privacy capabilities: Integrated

Smart camera technology: Poly DirectorAI with speaker framing, people framing, group framing

Video

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)

Video frame rate: 5–30 fps (up to 4K resolution at 15 fps in call)

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

Content sharing: Apple AirPlay; Miracast; Digital

Whiteboarding; HDMI input

Digital signage: Appspace; Raydiant

Connectivity and communications

External I/O ports:

1 USB Type-C® 5Gbps signaling rate

2 USB Type-A 5Gbps signaling rate

1 line in

1 line out

1 line in (optional microphone)

2 HDMI-out 2.0 (video, 4K @ 30 Hz)

1 HDMI-in 1.4 (video and audio, 4K @ 30 Hz)

Interoperability:

Zoom

Microsoft Teams

All cloud service providers through Poly Video App mode

USB Device mode

Wireless Technology:

Bluetooth® 5.0; Wi-Fi 802.11a/b/g/n/ac/ax (MIMO) Multi-channel Concurrency¹

Audio

Audio features:

Poly NoiseBlockAI technology

Poly Acoustic Fence technology

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

Microphone Pickup Range: Up to 7.62 m

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

Sensitivity (speaker): 83 dB (mid speakers); 89 dB (tweeter speakers)

Speaker type: Two-way 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

Heat dissipation cooling: 65 BTU/h

Certifications

Certified collaboration software: Microsoft Teams; Zoom

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

Sustainable impact specifications: Contains recycled plastics; Paper-based packaging derived from at least 60% recycled materials^{2,3}

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Specifications

Management

Management software:
Poly Lens

Security

Standard Kensington lock slot

Security management:

AES 128 bits encryption

AES 256 bits encryption

Media encryption (H.323, SIP)

H.235.6 support

Authenticated access to admin menus, web interface, and APIs

BFCP

Local account password policy configuration

Security profiles

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; Simple Certificate Enrollment Protocol (SCEP)

Weight and dimensions

Product Primary Color: Black

Weight: 3300 g

Product dimensions: 840.18 x 135.4 x 117.93 mm

Package weight: 6480 g

Package dimensions: 920 x 163 x 228 mm

Cartons per layer: 7

Pallet (layers): 9

Cartons per pallet: 63

Products per layer: 7

Products per pallet: 63

Pallet weight: 420 kg

Pallet dimensions: 120 x 100 x 221 cm

UPC number: 198415349224

Product number: A4LZ8AA

Product name: Poly Studio X72 All-In-One Video Bar

Warranty

Poly standard one-year limited warranty

Country of origin

Country of origin: Made in Laos

Regulatory

RMN number: PATX-STX-72R

What is in the box

Ethernet cable

Wall mount kit

2 HDMI cable

AC power adapter

Poly Studio X72

Poly Studio X72 All-In-One Video Bar

Accessories and services (not included)

Poly Studio G/X/V
Bluetooth Remote Control



Product number: 874R8AA

Poly TC10 White Touch
Controller



The Poly TC10 touch control panel makes meetings more productive and allows users to easily schedule workspaces and conference rooms.

Product number: 875J5AA

Poly Studio X70 VESA
Mount

Product number: 875L2AA

Poly Studio X70 Table
Stand

Product number: 875L3AA

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

Product number: 875M4AA

Footnotes

Messaging Footnotes

¹ Supported Poly peripherals include the following Poly cameras: Poly Studio E360, Poly Studio E60 and Poly Studio E70. Poly audio includes Poly Studio Table Microphone, pending regional availability and sold separately. ² Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT standard for computers, IEEE 1680.1-2018 standard. ³ Percent of paper-based packaging made from sustainably sourced, certified, and recycled fibers. ⁴ Supported Poly peripherals over Ethernet include the Poly Studio E360 and Poly Studio Table Microphone, pending regional availability and sold separately. ⁵ With the Poly Studio X72, you can extend people and content across three displays while in Zoom mode using a pluggable USB adapter, sold separately.

Technical Specifications Footnotes

¹ TAA, J17C and no radio versions available. ² Recycled plastic is expressed as a percentage of the total weight plastic. Post-consumer recycled is based on the definition set in the EPEAT standard for computers, IEEE 1680.1-2018 standard. ³ Percent of paper-based packaging made from sustainably sourced, certified, and recycled fibers.