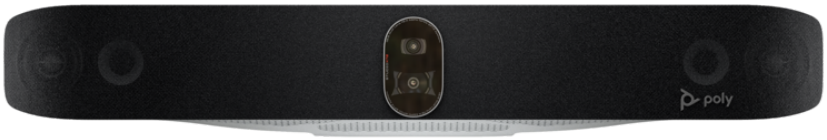
Poly Studio X72 All-In-One Video Bar

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.



*Product image may differ from actual product

No one gets left behind

Enable better collaboration in large rooms and elevate every meeting experience. With built-in AV AI technology, this all-in-one video bar makes communication effortless, so everyone feels included no matter where they are.

Big room? We've got you covered

The bigger the room, the more chances not everyone gets captured in the call. Easily extend audio and video as needed – just add Poly peripherals[1] to fit the needs of your space and easily join calls with the app of your choice.

Ready. Set. Join the call

Get your rooms ready in no time. The native cloud video experience simplifies setup, use and management, or you can connect to any standards-based video platform with full H.323 and SIP support. No PC needed. No tricky connections. No time to waste.

Sustainability in action

Built for a better tomorrow

Containing recycled plastics[2] and shipped in paper-based packaging[3] 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.

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Featuring

Participants in. Distractions out

Make your presence felt with Poly DirectorAI. Through AI and machine learning, an array of framing modes enhance your meetings by better capturing human expression. Remove unwanted distractions and confusion over who says what.

All eyes on the action

Distorted visuals can take away from having natural, life-like hybrid meetings. 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

Set the stage for effortless collaboration. With an innovative acoustic chamber design, this all-in-one video bar delivers immersive, crisp sound across the room, while the beamforming microphone array makes sure every voice is heard.

Zero in on the conversation

Experience audio quality that fuels collaboration and productivity. Using advanced AI and machine learning, Poly audio innovations provide noise cancellation and voice clarity creating a focused call that brings everyone together.

Adapts to your needs

Expand your video conferencing setup seamlessly by connecting additional cameras, microphones and other peripherals over Ethernet for a simple, cost-effective, and scalable setup. For a more immersive experience, connect a third display via USB.[4,5]

Choose your app. Join the call. Done

No need to learn how to use a new video call platform – the Poly Studio X72 is our most flexible all-in-one video bar to date, working with the apps you already know so you can join calls seamlessly without missing a beat.

Every device, under your control

More visibility and easier management make the IT team happier. Deploy, configure and stay up-to-date on the performance of your all-in-one video bar and connected Poly devices with Poly Lens cloud-based management software.

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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 Concurrency[1]

Audio
Audio features:
Poly NoiseBlockAI technology
Poly Acoustic Fence technology
Microphone type: Two MEMS microphones; Two second-order microphones
Microphone pickup range (metric): 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 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
Heat dissipation cooling: 65 BTU/h

Certifications
Certified collaboration software: Microsoft Teams; Zoom

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

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 (metric): 3300 g
Product Dimensions (metric): 840.18 x 135.4 x 117.93 mm
Package Weight (metric): 6480 g
Package dimensions (metric): 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 (imperial):
Pallet dimensions (metric): 120 x 100 x 221 cm
UPC number: 198415349125
Product number: A4LZ8AA
Product name: Poly Studio X72 All-In-One Video Bar

Country of origin
Country of origin: Made in Laos

What is in the box
Ethernet cable
Wall mount kit
2 HDMI cable
AC power adapter
Poly Studio X72

Key Selling Points 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, JITC 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.

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October 2024

Datasheet

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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
Poly Studio X50/X52/X70/USB Table Microphone		Product number: 875M6AA
Poly Studio X50/X70/USB Power Supply without Power Cord		Product number: 875M7AA