

Poly Studio X70 All-In-One Video Bar with TC8 Controller Kit



*Product image may differ from actual product

Enable meeting equality

The Poly Studio X70, all-in-one video bar, offers quality audio and video performance in large meeting spaces. Enjoy pinpoint-accurate automatic framing and tracking modes, distraction-free audio technology, and lifelike 4K UltraHD video.

Crystal clear video

With lifelike definition from dual cameras and 4K sensors, the Poly Studio X70 shows everyone in your large meeting spaces in sharp detail.

Production-quality performance

Poly Director AI Intelligent camera framing and NoiseBlock AI technology keep everyone engaged. Next gen microphones offer quality vocal pickup.

Featuring Smart camera tech

Poly Director AI smart camera technology offers a choice of framing modes.

4K cameras

Enjoy richer, more lifelike meeting experiences with 4K UltraHD video.

Noise blocking innovations

Keep background noise and side conversations from interrupting your meetings with Poly NoiseBlock AI and Acoustic Fence technologies.

Beamforming microphone

A next-generation beamforming microphone array clearly picks up all voices in a room, making communication effortless.

Easy management via Poly Lens

Deploy from anywhere via remote management with Poly Lens.

Intuitive touch interface

The TC8 touch interface lets you launch, join, and share in an instant, while keeping your focus on the task at hand.

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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: People framing; Group framing; DirectorAI perimeter; Speaker 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
2 RJ-45
1 audio-in
1 audio-out
2 HDMI-out 1.4 (video)
1 HDMI-in 1.4 (audio)
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 (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 (1 W/1 m) for mid speakers; 89 dB (1 W/1 m) for 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: 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

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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

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

Master carton dimension: 24.5 x 44 x 29.5 cm

Cartons per layer: 6

Pallet (layers): 5

Cartons per pallet: 30

Products per layer: 6

Products per pallet: 30

Pallet weight: 357 kg

Pallet dimensions: 101.6 x 121.9 x 149 cm

UPC number: (ABB) 197497449334; (ABU) 197497449372; (UUF) 197961922943

Product number: 83Z52AA

Product name: Poly Studio X70 All-In-One Video Bar with TC8 Controller Kit

Warranty

Poly standard one-year limited warranty

Country of origin

Country of origin: Made in Laos

What is in the box

Poly Studio X70

Wall mount kit

2 HDMI cable

AC power adapter

Power cable

CAT 5E LAN cable

Poly TC8 touch controller

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Footnotes

Messaging Footnotes

¹ Visit <https://www.poly.com/us/en/products/video-conferencing/studio/studio-x70> for more detail.

Technical Specifications Footnotes

¹ TAA, JITC and no radio versions available. ² Product details and specifications are subject to change. Some features may only be available with certain native apps or in Poly video mode.