



Poly Studio X70 All-In-One Video Bar with TC10 Controller Kit (8L531AA)

Overview

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

Ready for your close-up? This all-in-one video bar transitions seamlessly between wide and narrow-angle cameras, showing everyone in your large meeting spaces in sharp detail.

Production-quality performance

Keep your eye on the action with Poly DirectorAI intelligent camera framing and NoiseBlockAI technology — all powered by machine learning. Get advanced vocal pickup from our next gen microphones. Easily share content over wired or wireless connections.

Features

Smart camera tech

Give everyone in hybrid meetings an equal seat at the virtual table using a choice of framing modes with Poly DirectorAI smart camera technology.

Noise blocking innovations

Outside noise and side conversations can quickly derail a hybrid meeting. Keep background noise in check with Poly NoiseBlockAI and Acoustic Fence technologies.

Easy management via Poly Lens

Take control of your deployment from anywhere via remote management with Poly Lens cloud-based device management software.

4K cameras

No one looks their best with pixilated video. Enjoy richer, more lifelike meeting experiences with 4K UltraHD video.

Beamforming microphone

Make communicating effortless for everyone on the call, with a next-generation beamforming microphone array that clearly picks up all voices in a room.

Complete call control

Instantly take charge of calls and room video systems with the large 10" high-resolution touch display of the Poly TC10. Share content with a tap and get seamless access to your favorite cloud video apps on your room's video system.

Additional specifications

Audio	Poly NoiseBlockAI technology; Poly Acoustic Fence technology
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
Camera resolution	2160p, 4K UHD (3840 x 2160)
Camera type	Dual-lens
Certified collaboration software	Zoom; Microsoft Teams; Google Meet
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)
Diagonal field of view (dFoV)	140° (wide); 78° (narrow)
Digital signage	Appspace; Raydiant
Horizontal field of view (hFoV)	120° (wide); 70° (narrow)
Interoperability	Zoom Certified; Microsoft Teams Certified; All cloud service providers through Poly Video App mode; USB Device mode; Support for native 3rd party applications including Zoom, Microsoft Teams, BlueJeans, Dialpad, GoToRoom, RingCentral and StarLeaf
Lens cover capabilities	Integrated
Management Software	Poly Lens
Manufacturer Warranty	Poly standard one-year limited warranty
Microphone pickup range (imperial)	Up to 25 ft
Microphone pickup range (metric)	Up to 7.62 m
Microphone type	Two MEMS microphones; Two second-order microphones
Minimum dimensions (W x D x H)	33.1 x 5.3 x 4.6 in
Minimum dimensions (W x D x H)	840.18 x 135.38 x 117.33 mm
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
Non-Operating Humidity Range	5 to 95%
Non-operating temperature - Celsius	-40 to 70 °C
Non-operating temperature - fahrenheit	40 to 158 °F
Operating altitude	4,877 m

Operating altitude	16,000 ft
Operating humidity range	15 to 80%
Operating temperature range	0 to 40 °C
Operating temperature range	32 to 104 °F
People video resolution	4K, 30 fps (TX and RX) from 2048 Kbps; 1080p, 30 fps from 1024 Kbps; 720p, 30 fps from 512 Kbps
Physical security	Standard Kensington lock slot
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)
Power	65 BTU h
SMART camera technology	Poly DirectorAI with speaker framing; People framing; Group framing; Presenter tracking; DirectorAI perimeter
Sensitivity (speaker)	83 dB (mid speakers); 89 dB (tweeter speakers)
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)
Speaker type	Two-way stereo speakers
Special features	Auto sensing power supply
Total camera resolution (megapixels)	2 x 20 MP
UNSPSC code	45111902
UPC number	(AB0) 197497837476; (AB1) 197497837483; (ABA) 197497837490; (ABB) 197497837506; (ABG) 197497837513; (ABJ) 197498382043; (ABT) 197497837520; (ABU) 197497837537; (AC4) 197498409191; (ACJ) 197497837544; (UUF) 197961923001; (UUZ) 197497837551
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
Weight	7.05 lb
Weight	3200 g
What's in the box	Poly Studio X70; AC power adapter; HDMI cable; Power cable; CAT 5E LAN cable; Poly TC10 touch controller; Display mounting clamp
Zoom capability	7.3x digital

Disclaimer — Copyright

© Copyright 2024 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.