Poly Studio X70 All-In-One Video Bar with TC8 Controller Kit (83Z52AA)

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.

4K cameras

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

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.

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.

Easy management via Poly Lens

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

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. Its sleek design features an 8-inch high-resolution touch display to make control options clear and accessible.

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 capabilites	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
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 ℃
Non-operating temperature – fahrenheit	40 to 158 ℉
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) 197497449297; (AB1) 197497449303; (AB2) 197497449310; (ABA) 197497449327; (ABB) 197497449334; (ABG) 197497449341; (ABJ) 197497453614; (ABM) 197497449358; (ABT) 197497449365; (ABU) 197497449372; (AC4) 197497449389; (ACJ) 197497449396; (UUF) 197961922943; (UUZ) 197497449402
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
What's in the box	Poly Studio X70; Wall mount kit; AC power adapter; HDMI cable; Power cable; CAT 5E LAN cable; Poly TC8 touch controller
Wireless technologies	Bluetooth® 5.0; Wi-Fi 802.11a/b/g/n/ac (MIMO) Multi-channel Concurrency[1]
Zoom capability	7.3x digital

[1] TAA, JITC and no radio versions available.

Services

Poly Services

Poly Support Services

3 Year Poly+ Studio X70 TC8 Dual Camera for Wireless Presentation System	**P87300312 ★**
1 Year One time ext HW Replacement for Studio X70 TC8 with NBD advanced replacement Poly DaaS	D87300DS1
1 Year Partner Poly+ Studio X70 TC8 Dual Camera for Wireless Presentation System	P87300160
1 Year Poly Elite Custom Studio X70 with TC8 For Citi use only	E87300650
1 Year Poly Elite Onsite Studio X70 TC8 Dual-Camera 4K+ Video Sys for Conf/Collab/Wireless Pres Sys	E87300114
1 Year Poly Elite Studio X70 TC8 Dual-Camera 4K+ Video System for Conf/Collab/Wireless Pres Sys	E87300112
1 Year Poly+ Onsite Studio X70 TC8 Dual Camera for Wireless Presentation System	P87300114
1 Year Poly+ Studio X70 & TC8 Dual-Camera 4K+ Video Sys Conf/Collab/Wireless Pres Sys	P87300112
1 year Partner Poly+ Studio X70 TC8 Dual Camera for Wireless Presentation System	P87300158
3 Year Partner Poly+ Onsite Studio X70 TC8 Dual Camera for Wireless Presentation System	P87300358
3 Year Partner Poly+ Studio X70 and TC8 Dual-Cam 4K+ Video Sys Conf/Collab/Wireless Pres Sys	P87300362
3 Year Poly Elite Studio X70 TC8 Dual-Camera 4K+ Video System for Conf/Collab/Wireless Pres Sys	E87300312
3 Year Poly+ Onsite Studio X70 TC8 Dual Camera for Wireless Presentation System	P87300314
5 Year HW Replacement for Studio X70 and TC8 with NBD advanced part replacement Poly DaaS	D87300DS5
Service reactivation fee Studio X70 with TC8 for product less than one year out of support coverage	R87300801
Service reactivation fee Studio X70 with TC8 for product one year or more out of support coverage	R87300802
Upgrade embedded 1yr Poly+ to 3yr Partner Poly+ OnsiteStudio X70 & TC8 Dual-Camera 4K+ Video System	P87300788
Upgrade embedded 3yr Partner Poly+ to 3yr Poly+ Onsite Studio X70 & TC8 Dual-Camera 4K+ Video System	P87300444
Upgrade from embedded 1y Poly+ to 1y Poly Elite Studio X70 TC8 Dual-Camera 4K+ Video System	E87300902
Upgrade from embedded 1yr Poly+ to 1yr Poly Pus Onsite Studio X70 with TC8 Dual-Camera 4K+ Video Sys	P87300102

Upgrade from embedded 1yr Poly+ to 3yr Partner Poly+Studio X70 and TC8 Dual-Camera 4K+ Video System	P87300351
Upgrade from embedded 1yr Poly+ to 3yr Poly+ Onsite Studio X70 with TC8 Dual-Camera 4K+ Video Syste	P87300309
Upgrade from embedded 1yr Poly+ to 3yr Poly+Studio X70 with TC8 Dual-Camera 4K+ Video System	P87300103
Upgrade from embedded 3yr Partner Poly+ to 3yr Poly+Studio X70 with TC8 Dual-Camera 4K+ Video System	P87300333

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