



Poly Studio USB Video Bar (842D4AA)

Overview

USB video bar for clear collaboration



Quality audio and video for mid-sized rooms. Poly Studio is an easy-to-use USB video bar designed for medium meeting spaces. Advanced acoustics ensure everyone sounds their best. Poly DirectorAI smart camera technology shows just enough of the room.

Be clearly seen

Make the connection personal with built-in group and speaker framing provided by Poly DirectorAI smart camera technology. Everybody on the video call can see the important details — right down to body language and facial expressions.

Silence distracting sound

Poly NoiseBlockAI technology tunes out distracting sounds that interrupt meetings. And outside conversations stay out of your calls with Acoustic Fence technology — it captures just the voices within a defined space.

Catch every word

Powerful stereo speakers ensure everyone can hear. A six-microphone array gives you confidence that your ideas will come across clearly. With Poly, everyone is an equal participant in meetings.

Features

NoiseBlockAI technology

Distracting sounds are reduced with Poly NoiseBlockAI technology.

Acoustic Fence technology

Keep outside conversations out of your calls with Acoustic Fence technology, which captures only the voices within a defined space.

Microphone range

Ensure everyone in the room can be understood clearly with up to 15 ft/4.6 m microphone pickup range or add an optional expansion mic to extend that range even further.^[1]

Hi-fidelity speakers

Hear what's being said even if you're seated at the back of the room. High-fidelity stereo speakers fill the room with sound so that remote participants can be heard clearly.

Poly DirectorAI technology

Be more productive on both ends of your video call with a smart camera that features Poly DirectorAI smart camera tech that automatically frames the room or tracks the person speaking for deeper engagement — no drivers or software needed.

120-degree field of view

The camera's ultra-wide field of view reaches even the back corners of a medium-sized room. See everyone while avoiding fisheye distortion with its 120-degree field of view.

[1] Poly expansion microphone available as an optional accessory, sold separately.

Additional specifications

Audio	Poly NoiseBlockAI technology; Poly Acoustic Fence technology; Poly Acoustic Clarity technology
Audio standards	UAC 1.0; HID 1.11
Camera resolution	2160p, 4K UHD (3840 x 2160)
Camera type	Single-lens
Certified collaboration software	Microsoft Teams; Zoom
Color	Black
Compatible Operating Systems	Windows 7; Windows 10; Windows 8.1; macOS 10.12; macOS 10.13; macOS 10.14
Country of origin	Product of Laos
Diagonal field of view (dFoV)	120°
Horizontal field of view (hFoV)	110°
Interoperability	Zoom Certified; Microsoft Teams Certified; All cloud service providers through Poly Video App mode; USB Device mode
Lens cover capabilities	Integrated
Management Software	Poly Lens
Manufacturer Warranty	Poly standard one-year limited warranty
Microphone pickup range (imperial)	Up to 15 ft
Microphone pickup range (metric)	Up to 4.57 m
Microphone type	Six-element beamforming microphone array
Minimum dimensions (W x D x H)	105 x 700 x 70 mm (without stand); 156 x 700 x 70 (with stand)
Minimum dimensions (W x D x H)	4.2 x 27.3 x 2.8 in (without stand); 6.2 x 27.3 x 2.8 in (with stand)
Non-Operating Humidity Range	5 to 95%
Non-operating temperature - Celsius	-25 to 70 °C
Non-operating temperature - fahrenheit	-13 to 160 °F
Operating humidity range	15 to 80%
Operating temperature range	0 to 40 °C
Operating temperature range	32 to 104 °F
Physical security	Standard Kensington lock slot
Ports	1 USB Type-C® 5Gbps signaling rate; 1 audio-in; 1 line in (optional microphone)
Power	12 VDC, 5A
Power	100 - 240 VAC 50/60 Hz

Power supply type	External
SMART camera technology	Poly DirectorAI with speaker framing; People framing; Group framing; Presenter tracking; DirectorAI perimeter
Sensitivity (speaker)	90 dB
Speaker type	Stereo speakers
UNSPSC code	45121520
UPC number	(AB0) 197497463385; (AB1) 197497463392; (AB2) 197497463408; (ABA) 197497463415; (ABB) 197497463422; (ABG) 197497463439; (ABJ) 197497463989; (ABM) 196188633229; (ABT) 197497463446; (ABU) 197497463453; (AC4) 197497463460; (ACJ) 197497463477; (UUF) 197498519135; (UUZ) 197497463484
Video standards	UVC 1.1/1.5 Video
Weight	5 lb (without stand); 6 lb (with stand)
Weight	2.342 kg (without stand); 2.856 kg (with stand)
What's in the box	Poly Studio; Remote control with 2 AAA batteries; AC power adapter; Wall mount kit; Setup sheet; Table stand; USB Type-C® to USB Type-A cable
Wireless technologies	Bluetooth® 4.2; WiFi 802.11a/b/g/n/ac (SISO)
Zoom capability	5x

Poly Services

★ : Recommended

Poly Support Services

3 Year Poly+ Studio USB video bar autotrack 120 FOV 4K Cam USB stereo BT speakerphones remote	P85830312 ★
1 Year One time ext HW Replacement for Poly Studio USB with NBD advance replacement Poly DaaS	D85830DS1
1 Year Partner Poly+ Studio USB video bar autotrack 120 FOV4K Cam USB stereo BT speakerphones remote	P85830160
1 Year Poly Elite Poly Studio USB	E85830112
1 Year Poly+ Studio USB video bar autotrack 120 FOV 4K Cam USB stereo BT speakerphones remote	P85830112
3 Year Partner Poly+ Studio USB video bar autotrack 120 FOV4K Cam USB stereo BT speakerphones remote	P85830362
5 Year HW Replacement for Poly Studio USB with NBD advance replacement Poly DaaS	D85830DS5
React fee Poly Studio USB video bar autotrack 120 FOV 4K Cam USB Speakerphones remote 1yr	R85830802
React fee Poly Studio USB video bar autotrack 120 FOV 4K Cam USB Speakerphones remote less than 1yr	R85830801

Professional Services

Poly Remote manual Installation of One USB device Solution	PROUSBREM02
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