



# 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.<sup>[1]</sup>

## 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.

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

## Additional specifications

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

<b>SMART camera technology</b>	Poly DirectorAI with speaker framing; People framing; Group framing; Presenter tracking; DirectorAI perimeter
<b>Sensitivity (speaker)</b>	90 dB
<b>Speaker type</b>	Stereo speakers
<b>UNSPSC code</b>	45121520
<b>UPC number</b>	(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
<b>Video standards</b>	UVC 1.1/1.5 Video
<b>Weight</b>	5 lb (without stand); 6 lb (with stand)
<b>Weight</b>	2.342 kg (without stand); 2.856 kg (with stand)
<b>What's in the box</b>	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
<b>Wireless technologies</b>	Bluetooth® 4.2; WiFi 802.11a/b/g/n/ac (SISO)
<b>Zoom capability</b>	5x

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