



# 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.*

# Specifications

|                        |                                                                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Audio                  | Poly NoiseBlockAI technology; Poly Acoustic Fence technology; Poly Acoustic Clarity technology                                                |
| Dimensions (W x D x H) | 105 x 700 x 70 mm (without stand); 156 x 700 x 70 (with stand)                                                                                |
| 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)                                                                         |
| Weight                 | 2.342 kg (without stand); 2.856 kg (with stand)                                                                                               |
| Weight                 | 5 lb (without stand); 6 lb (with stand)                                                                                                       |
| Ports                  | 1 USB Type-C® 5Gbps signaling rate; 1 audio-in; 1 line in (optional microphone)                                                               |
| Power                  | 100 - 240 VAC 50/60 Hz                                                                                                                        |
| Power supply type      | External                                                                                                                                      |
| UPC number             | 197497463415                                                                                                                                  |
| Manufacturer Warranty  | Poly standard one-year limited warranty                                                                                                       |
| 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 |

## Additional specifications

|                                    |                                                                                                                                                                               |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Audio standards                    | UAC 1.0; HID 1.11                                                                                                                                                             |
| Camera resolution                  | 2160p, 4K UHD (3840 x 2160)                                                                                                                                                   |
| Camera type                        | Single-lens                                                                                                                                                                   |
| Cartons per layer                  | 10                                                                                                                                                                            |
| Cartons per pallet                 | 90                                                                                                                                                                            |
| Certified collaboration software   | Google Meet; Microsoft Teams; Zoom                                                                                                                                            |
| Color                              | Black                                                                                                                                                                         |
| Compatible Operating Systems       | Windows 7; Windows 10; Windows 11; Windows 8.1; macOS 10.12; macOS 10.13; macOS 10.14                                                                                         |
| Datasheet photo 1                  | <a href="https://ssl-product-images.www8-hp.com/digmedialib/prodimg/lowres/c08631605.png">https://ssl-product-images.www8-hp.com/digmedialib/prodimg/lowres/c08631605.png</a> |
| Datasheet photo 2                  | <a href="https://ssl-product-images.www8-hp.com/digmedialib/prodimg/lowres/c08631635.png">https://ssl-product-images.www8-hp.com/digmedialib/prodimg/lowres/c08631635.png</a> |
| Datasheet photo 3                  | <a href="https://ssl-product-images.www8-hp.com/digmedialib/prodimg/lowres/c08631725.png">https://ssl-product-images.www8-hp.com/digmedialib/prodimg/lowres/c08631725.png</a> |
| Diagonal field of view (dFoV)      | 120°                                                                                                                                                                          |
| ECCN                               | EAR99                                                                                                                                                                         |
| End of Life CO2e (kg)              | 0.5                                                                                                                                                                           |
| Energy Usage CO2e (kg)             | 12                                                                                                                                                                            |
| HTS code                           | 8517690000                                                                                                                                                                    |
| Horizontal field of view (hFoV)    | 110°                                                                                                                                                                          |
| Interoperability                   | Google Meet, Microsoft Teams, Zoom certified; All cloud service providers through Poly Video App mode; USB Device mode <sup>[2]</sup>                                         |
| Layers per pallet                  | 9                                                                                                                                                                             |
| Lens cover capabilities            | Integrated                                                                                                                                                                    |
| Management Software                | Poly Lens <sup>[1]</sup>                                                                                                                                                      |
| Master carton dimension (imperial) | 9.64 x 17.32 x 11.61 in                                                                                                                                                       |
| Master carton dimension (metric)   | 24.5 x 44 x 29.5 cm                                                                                                                                                           |
| Microphone pickup range (imperial) | Up to 15 ft                                                                                                                                                                   |
| Microphone pickup range (metric)   | Up to 4.57 m                                                                                                                                                                  |
| Microphone type                    | Six-element beamforming microphone array                                                                                                                                      |
| Multiple order quantity            | 1                                                                                                                                                                             |
| Non-Operating Humidity Range       | 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>Pallet dimensions</b>                      | 40 x 48 x 58.66 in                                                                                            |
| <b>Pallet dimensions (W x D x H)</b>          | 101.6 x 121.9 x 149 cm                                                                                        |
| <b>Pallet weight</b>                          | 357 kg                                                                                                        |
| <b>Pallet weight</b>                          | 787.05 lb                                                                                                     |
| <b>Physical security</b>                      | Standard Kensington lock slot                                                                                 |
| <b>Power</b>                                  | 12 VDC, 5A                                                                                                    |
| <b>Production CO2e (kg)</b>                   | 71                                                                                                            |
| <b>Products per pallet</b>                    | 90                                                                                                            |
| <b>Products per pallet layer</b>              | 10                                                                                                            |
| <b>Room size</b>                              | Medium (6-9 people)                                                                                           |
| <b>Sensitivity (speaker)</b>                  | 90 dB                                                                                                         |
| <b>Smart camera technology</b>                | Poly DirectorAI with speaker framing; People framing; Group framing; Presenter tracking; DirectorAI perimeter |
| <b>Speaker bandwidth</b>                      | 100 Hz to 20 kHz                                                                                              |
| <b>Speaker type</b>                           | Stereo speakers                                                                                               |
| <b>Total CO2e (kg)</b>                        | 90                                                                                                            |
| <b>Transportation CO2e (kg)</b>               | 3                                                                                                             |
| <b>UNSPSC code</b>                            | 45121520                                                                                                      |
| <b>Video frame rate</b>                       | 30 fps (up to 4K resolution)                                                                                  |
| <b>Video standards</b>                        | UVC 1.1/1.5 Video                                                                                             |
| <b>Wireless technologies</b>                  | Bluetooth® 4.2; WiFi 802.11a/b/g/n/ac (SISO)                                                                  |
| <b>Zoom capability</b>                        | 5x                                                                                                            |

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*[1] Requires downloadable software on [Poly.com/lens](https://poly.com/lens). Host PC requires Windows 10 or higher.*

*[2] Compatibility with native applications and meeting services is limited by each 3rd party service's own terms and certification conditions; consult each service provider's terms as needed.*

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## Communication & Collaboration

★ : Recommended

### Poly Support Services

|                                                                                                      |                    |
|------------------------------------------------------------------------------------------------------|--------------------|
| 3 Year Poly+ Studio USB video bar autotrack 120 FOV 4K Cam USB stereo BT speakerphones remote        | <b>P85830312 ★</b> |
| 1 Year Custom General Motors Only Hardware Replacement Poly Studio                                   | H85830GMC          |
| 1 Year PPoly+ Analyze Studio USB video bar autotrack 120 FOV4K Cam USB stereo BT speakerphones rmt   | UR8C0PV            |
| 1 Year Partner Poly+ Studio USB video bar autotrack 120 FOV4K Cam USB stereo BT speakerphones remote | P85830160          |
| 1 Year Poly Elite FRURAD Poly Studio USB video bar For Commercial use                                | U96J3PV            |
| 1 Year Poly Elite FRURAD Poly Studio USB video bar Government Agency Use only                        | U96J0PV            |
| 1 Year Poly Elite Poly Studio USB                                                                    | E85830112          |
| 1 Year Poly+ Analyze FRURAD Studio USB VB autotrack 120 FOV4K Cam USB stereo BT speakerphones rmt    | UR8C4PV            |
| 1 Year Poly+ Analyze OS FRURAD Studio USB VB autotrack 120 FOV4K Cam USB stereo BT speakerphones rmt | UR8C5PV            |
| 1 Year Poly+ Analyze OS Studio USB video bar autotrack 120 FOV4K Cam USB stereo BT speakerphones rmt | UR8C2PV            |
| 1 Year Poly+ Analyze Studio USB video bar autotrack 120 FOV4K Cam USB stereo BT speakerphones remote | UR8B8PV            |
| 1 Year Poly+ FRURAD Poly Studio USB video bar For Commercial use                                     | U96J1PV            |
| 1 Year Poly+ FRURAD Poly Studio USB video bar Government Agency Use only                             | U96HYPV            |
| 1 Year Poly+ Studio USB video bar autotrack 120 FOV 4K Cam USB stereo BT speakerphones remote        | P85830112          |
| 3 Year PPoly+ Analyze Studio USB video bar autotrack 120 FOV4K Cam USB stereo BT speakerphones rmt   | UR8C1PV            |
| 3 Year Partner Poly+ Studio USB video bar autotrack 120 FOV4K Cam USB stereo BT speakerphones remote | P85830362          |
| 3 Year Poly Elite Poly Studio USB                                                                    | U86SGPV            |
| 3 Year Poly+ Analyze FRURAD Studio USB VB autotrack 120 FOV4K Cam USB stereo BT speakerphones rmt    | UR8C6PV            |
| 3 Year Poly+ Analyze OS FRURAD Studio USB VB autotrack 120 FOV4K Cam USB stereo BT speakerphones rmt | UR8C7PV            |
| 3 Year Poly+ Analyze OS Studio USB video bar autotrack 120 FOV4K Cam USB stereo BT speakerphones rmt | UR8C3PV            |
| 3 Year Poly+ Analyze Studio USB video bar autotrack 120 FOV4K Cam USB stereo BT speakerphones remote | UR8B9PV            |
| 3 Year Poly+ FRURAD Poly Studio USB video bar For Commercial use                                     | U96J2PV            |

3 Year Poly+ FRURAD Poly Studio USB video bar Government Agency Use only

U96HZPV

4 Year Poly+ Studio USB video bar

UJ8Y7PV

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

Video

★ : Recommended

Video Accessories

|                                                                      |         |
|----------------------------------------------------------------------|---------|
| Poly Studio R30/USB/V12/V52/V72 Bluetooth Remote Control             | 875L4AA |
| Poly Studio X50/USB Power Supply without Power Cord                  | 875M3AA |
| Poly Studio X50/X52/X70/USB Expansion Microphone Cable Extender Pack | 875M4AA |
| Poly Studio X50/X70/USB Power Supply without Power Cord              | 875M7AA |
| Poly USB 2.0 Cable (5M)                                              | 875H6AA |

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