

Poly Studio X50 All-In-One Video Bar No Radio GSA/TAA

Simple video conferencing

Poly Studio X50 video bars simplify and enhance your hybrid meeting experience in medium-sized rooms – no matter what video collaboration software you use. Experience board-room quality audio and video, all optimized into one sleek bar.



*Product image may differ from actual product

Drama-free setup

Get your medium-sized conference rooms up and running in moments. No PC is required, and cloud service platform support is built right in. It's easy to install, and ideal for rooms up to 10 participants.

Production-quality performance

Keep your eye on the action with intelligent camera framing and NoiseBlockAI technology – powered by machine learning. Get exquisite vocal pickup from our next gen mics. Share content over wired or wireless connections via dual monitors.

Datasheet

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Specifications



Camera

Camera resolution: 2160p, 4K UHD (3840 x 2160)
Diagonal field of view (dFoV): 121°
Zoom capability: 5x digital
Camera type: Single-lens
People video resolution: 4K, 30 fps (TX and RX) from 2048 Kbps; 1080p, 60 fps from 1740 Kbps; 1080p, 30 fps from 1024 Kbps; 720p, 60 fps from 832 Kbps; 720p, 30 fps from 512 Kbps
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)
Content sharing: Apple AirPlay; Miracast; Digital Whiteboarding; HDMI input
Video frame rate: 5-60 fps (up to 4K resolution at 15 fps in call)
Digital signage: Appspace; Raydiant
Lens privacy capabilities: Attachable
Horizontal field of view (hFoV): 110°
Video standards: H.264 AVC; H.264 High Profile; H.265; H.239

Connectivity and communications

External I/O ports:
 1 USB Type-C® 5Gbps signaling rate
 2 USB Type-A 5Gbps signaling rate
 1 audio-in
 1 audio-out
 1 HDMI-in 1.4 (video and audio)
 2 HDMI-out 1.4 (video)
 1 line in (optional microphone)
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

Audio

Audio features:
 Poly NoiseBlockAI technology
 Poly Acoustic Fence technology
Microphone type: Three MEMS microphones; Two second-order microphones
Speaker output power: 1 x 20 W (RMS); 1 x 40 W (maximum)
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
Speaker type: Stereo speakers
Sensitivity (speaker): 86.1 dB
Microphone pickup range (metric): Up to 7.62 m
Microphone pickup range (imperial): Up to 25 ft

Battery

Power supply type: External
Power features: 65 BTU h

Certifications

Certified collaboration software: Zoom; Microsoft Teams; Google Meet
Special features: Automatic meeting experience powered by Poly DirectorAI smart camera technology including group framing, people framing (preview feature), and speaker framing; Auto sensing power supply

Environmental

Operating Altitude (Imperial) / Operating Altitude (metric): 16,000 ft / 4,877 m
Operating humidity range: 15 to 80%
Non-operating humidity range: 5 to 95%
Operating Temperature Range (Celsius) / Operating Temperature Range (Fahrenheit): 0 to 40 °C / 32 to 104 °F
Non-operating temperature - Celsius: -40 to 70 °C
Non-operating temperature - Fahrenheit: -40 to 158 °F

Applications supported

Management software:
 Poly Lens

Security

Standard Kensington lock slot

Weight and dimensions

Weight (Imperial): 5.6 lb
Weight (metric): 2540 g
Product dimensions (Imperial): 30 x 4 x 4 in
Product Dimensions (metric): 762 x 102 x 102 mm
UPC number: 197497464887
Product number: 842W1AA

Warranty

Poly standard one-year limited warranty

What is in the box

Poly Studio X50
 Ethernet cable
 Wall mount kit
 AC power adapter
 Privacy cover
 Cable bundle