Poly Studio X52 All-In-One Video Bar

Dramatically improve meetings

Specifically engineered to improve video conferencing experiences–the Poly Studio X52 all-in-one video bar simplifies and enhances meetings. Bring meeting equality to attendees both in and out of the room with innovative audio and video experiences.



*Product image may differ from actual product

Choose how you join a call Provide users all the flexibility they need to join any cloud video call with built-in apps, standards-based protocols, or by using their personal devices connected to the room system.	**Everyone is seen and heard** Ensure everyone is represented equally on the call with quality audio and video paired innovative technologies by Poly that include pinpoint-accurate AI-enhanced automatic framing and smart audio filtering.	**Enterprise-grade management** Poly Lens, remote device management, gives you better visibility into workspaces across the entire organization. IT professionals can remotely monitor and troubleshoot Poly devices as well as streamline applying bulk software and policies.

Sharp and clear optics
Zoom in and see the smallest details with 20MP 4K UltraHD 95-degree FOV camera that's thoughtfully designed for medium spaces. Always present in the best light in spaces with sharp clear optics, true color, and low light compensation.

Everyone is seen at the table
Encourage meeting engagement with intelligent video experiences that help remote participants feel connected. Poly DirectorAI smart camera technology creates an equitable experience for your hybrid meetings.

Get going in minutes
Mid-sized rooms can be up and running in minutes, with the simple setup and all-in-one design. And with the powerful camera, mics, speakers, and built-in cloud video apps – you'll have everything you need to cover conferencing spaces.

Hear and be heard
Surround meeting participants with rich and immersive sound from built-in stereo speakers. Clearly pick up voices at the far end of the table and remove distractions from your meeting with Poly NoiseBlockAI and Acoustic Fence technologies.

Datasheet

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Specifications





Camera

Camera resolution: 2160p, 4K UHD (3840 x 2160)
Diagonal field of view (dFoV): 110°
Total Camera Megapixels: 20 MP
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); 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)
Lens privacy capabilities: Attachable
Horizontal field of view (hFoV): 95°
Camera range (metric): Up to 6.1 m
Camera range (imperial): Up to 20 ft
Video standards: H.264 AVC; H.264 High Profile; H.265; H.239

Connectivity and communications

External I/O ports:
1 HDMI-in 2.0 (video and audio)
2 HDMI-out 2.0 (video)
1 USB Type-C® 5Gbps signaling rate
2 USB Type-A 5Gbps signaling rate
1 RJ-45
1 line in (optional microphone)
Interoperability: All cloud service providers through Poly Video App mode; USB Device mode
Wireless technologies:
Bluetooth® 5.0; Wi-Fi 802.11a/b/g/n/ac/ax (MIMO) Multi-channel Concurrency

Audio

Audio features:
Full duplex audio
Acoustic echo cancellation
Poly NoiseBlockAI technology
Poly Acoustic Fence technology
Microphone type: Two 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): 79 dB
Microphone pickup range (metric): Up to 6.09 m
Microphone pickup range (imperial): Up to 20 ft

Battery

Power supply type: External
Power features:65 BTU h
37 VA, 120 V 60 Hz
37 VA, 230 V 50/60 Hz

Certifications

Special features: Automatic meeting experience powered by Poly DirectorAI smart camera technology including group framing, people framing (preview feature), and speaker framing

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
Security management:
AES 128 bits encryption
AES 256 bits encryption
H.235.6 support
Authenticated access to admin menus, web interface, and APIs
Local account password policy configuration
Security profiles
Local account and login port lockout
Secure defaults
Remote logging with support for TLS
Active directory external authentication

Weight and dimensions

Product Primary Color: White
Weight (imperial): 5.6 lb
Weight (metric): 2.54 kg
Product dimensions (imperial): 30.3 x 4.5 x 4 in
Product Dimensions (metric): 769.5 x 115.2 x 103 mm
UPC number: 197497188912
Product number: 8D8K2AA

Warranty

Poly standard one-year limited warranty

What is in the box

Ethernet cable
Monitor clamp
AC power adapter
HDMI cable
Power cable
Poly Studio X52

Tecnitrān
TELECOMUNICACIONES

Tel. Madrid: 916 106 678
Tel. Valencia: 960 699 593
Tel. Mallorca: 871 620 033

www.tecnitran.es
info@tecnitran.es

Síguenos en:

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