

Poly Studio X52 All-In-One Video Bar TAA J1TC

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.

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Featuring



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.

Join the way you want to

Connect to nearly any cloud video service using built-in cloud video apps. Use the Poly Video App to connect into cloud video services through H.323 and SIP or connect to any cloud video platform from your PC by connecting over USB.

Easy management via Poly Lens

Take control of your deployment from anywhere via remote management with Poly Lens cloud-based device management software.

Power cord not included

This product doesn’t include a power supply cord. A country-specific cord will need to be purchased, separately.

J1TC compliant

This product is Joint Interoperability Test Command (J1TC) compliant.

Datasheet

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Specifications

Camera

Camera resolution: 2160p, 4K UHD (3840 x 2160)
Diagonal field of view (dFoV): 110°
Horizontal field of view (hFoV): 95°
Total Camera Megapixels: 20 MP
Zoom capability: 5x digital
Camera type: Single-lens
Lens privacy capabilities: Attachable
Camera range (metric): Up to 6.1 m
Smart camera technology: People framing; Group framing; DirectorAI perimeter; Speaker framing

Video

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)
Video frame rate: 5–60 fps (up to 4K resolution at 15 fps in call)
Video standards: H.264 AVC; H.264 High Profile; H.265; H.239
Content sharing: Apple AirPlay; Miracast; Digital Whiteboarding; HDMI input
Digital signage: Appspace; Raydiant

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
Support for native 3rd party applications including Zoom, Microsoft Teams, Dialpad, GoToRoom, RingCentral and StarLeaf
Wireless Technology:
Bluetooth® 5.0; Wi-Fi 802.11a/b/g/n/ac/ax (MIMO) Multi-channel Concurrency¹

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
Microphone pickup range (metric): Up to 6.09 m
Speaker output power: 2 x 20 W (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
Sensitivity (speaker): 79 dB
Speaker type: Stereo speakers

Power supply

Power supply type: External; Auto sensing
Operating voltage: 37 VA @ 120 V @ 60 Hz; 37 VA @ 230 V @ 50/60 Hz; 25 W (heavily loaded); 8 W (idle/sleep)
Heat dissipation cooling: 65 BTU/h

Certifications

Certified collaboration software: Zoom; Microsoft Teams; Google Meet

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 /
Non-operating temperature - Celsius: -40 to 70 °C

Management

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
Binary Floor Control Protocol (BFCP)
Product highlights URL:
https://www.hp.com/us-en/privacy/white_papers.html

Network

Network capabilities: IPv4; IPv6; 1x 10/100/1G Ethernet; Auto-MDIX; H.323 and/or SIP up to 6 Mbps in Poly App video mode; Polycom Lost Packet Recovery (LPR) technology; Dynamic bandwidth allocation; Reconfigurable MTU size; Web proxy support: basic, digest, and NTLM; Simple Certificate Enrollment Protocol (SCEP)

Weight and dimensions

Product Primary Color: White
Weight (metric): 2.54 kg
Product Dimensions (metric): 769.5 x 115.2 x 103 mm
Master carton dimension (metric): 24.5 x 44 x 29.5 cm
Cartons per layer: 4
Pallet (layers): 7
Cartons per pallet: 28
Products per layer: 40
Products per pallet: 280
Pallet weight : 357 kg
UPC number: 196548577590
Product number: 8D8K4AA
Product name: Poly Studio X52 All-In-One Video Bar TAA JITC

Warranty

Poly standard one-year limited warranty

Country of origin

Country of origin: Made in Laos

What is in the box

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

Technical Specifications Footnotes

¹ Not available on no radio versions. ² Product details and specifications are subject to change. Some features may only be available with certain native apps or in Poly video mode.

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Accessories and services (not included)

Poly Trio C60 IP Conference Phone
Full Radio and PoE-enabled



Bring people together. Launch big ideas. And make sure everyone at the table can be heard, near or far with Poly signature audio. The Trio C60 plays nicely with everyone, delivering native experiences on your favorite collaboration platforms.
Product number: 849B4AA

Poly G7500 Studio X Bluetooth
Remote Control



Product number: 874R8AA

Poly TC10 Touch Controller Black



The Poly TC10 touch control panel makes meetings more productive and allows users to easily schedule workspaces and conference rooms.
Product number: 875K5AA

Poly Studio X52 Wall Mount

Product number: 875L8AA

Poly Studio X52 VESA Mount

Product number: 875L9AA

Poly Studio X52 Table Stand

Product number: 875M0AA

Poly Studio X50/X52/X70/USB
Expansion Microphone Cable
Extender Pack

Product number: 875M4AA

Poly Studio X52 Front Panel
Replacement

Product number: 977L8AA