



# Poly Studio X52 All-In-One Video Bar with TC10 Controller Kit (8D8L1AA)

## Overview

### 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.



### 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.

### 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.

### 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.

# Features

## 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.

## 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.

## 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.

## 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.

## 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.

## Complete call control

Instantly take charge of calls and room video systems with the large 10" high-resolution touch display of the Poly TC10. Share content with a tap and get seamless access to your favorite cloud video apps on your room's video system.

## Additional specifications

<b>Audio</b>	Full duplex audio; Acoustic echo cancellation; Poly NoiseBlockAI technology; Poly Acoustic Fence technology
<b>Audio standards</b>	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
<b>Camera range (imperial)</b>	Up to 20 ft
<b>Camera range (metric)</b>	Up to 6.1 m
<b>Camera resolution</b>	2160p, 4K UHD (3840 x 2160)
<b>Camera type</b>	Single-lens
<b>Color</b>	White
<b>Content video resolution (input)</b>	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)
<b>Content video resolution (output)</b>	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)
<b>Diagonal field of view (dFoV)</b>	110°
<b>Horizontal field of view (hFoV)</b>	95°
<b>Interoperability</b>	All cloud service providers through Poly Video App mode; USB Device mode
<b>Lens cover capabilities</b>	Attachable
<b>Management Software</b>	Poly Lens
<b>Manufacturer Warranty</b>	Poly standard one-year limited warranty
<b>Microphone pickup range (imperial)</b>	Up to 20 ft
<b>Microphone pickup range (metric)</b>	Up to 6.09 m
<b>Microphone type</b>	Two MEMS microphones; Two second-order microphones
<b>Network capabilities</b>	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
<b>Non-Operating Humidity Range</b>	5 to 95%
<b>Non-operating temperature - Celsius</b>	-40 to 70 °C
<b>Non-operating temperature - fahrenheit</b>	-40 to 158 °F
<b>Operating altitude</b>	4,877 m
<b>Operating altitude</b>	16,000 ft
<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>People video resolution</b>	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
<b>Physical security</b>	Standard Kensington lock slot
<b>Ports</b>	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)
<b>Power</b>	65 BTU h; 37 VA, 120 V 60 Hz; 37 VA, 230 V 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>Security management</b>	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
<b>Sensitivity (speaker)</b>	79 dB
<b>Speaker output power</b>	1 x 20 W (RMS); 1 x 40 W (maximum)
<b>Speaker type</b>	Stereo speakers
<b>Total camera resolution (megapixels)</b>	20 MP
<b>UNSPSC code</b>	45111902
<b>UPC number</b>	(AB0) 197497105254; (AB1) 197497110753; (ABA) 196548577569; (ABB) 197497099560; (ABG) 197497184594; (ABJ) 197497776959; (ABT) 196548564354; (ABU) 196548564293; (AC4) 197498409184; (ACJ) 197497168471; (UUF) 196548564613; (UUZ) 196548577576
<b>Video frame rate</b>	5–60 fps (up to 4K resolution at 15 fps in call)
<b>Video standards</b>	H.264 AVC; H.264 High Profile; H.265; H.239
<b>What's in the box</b>	AC power adapter; HDMI cable; Power cable; Poly Studio X52; CAT 5E LAN cable; Poly TC10 touch controller; Display mounting clamp
<b>Wireless technologies</b>	Wi-Fi 802.11a/b/g/n/ac/ax (MIMO) Multi-channel Concurrency
<b>Zoom capability</b>	5x digital

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## Services

### Poly Services

★ : Recommended

#### Poly Support Services

3 Year Poly+ Studio X52 and TC10	P87625312 ★
1 Year Partner Poly+ Onsite Studio X52 and TC10	P87625158
1 Year Partner Poly+ Studio X52 and TC10	P87625160
1 Year Poly Elite Onsite Studio X52 and TC10	E87625114
1 Year Poly Elite Studio X52 and TC10	E87625112
1 Year Poly+ Onsite Studio X52 and TC10	P87625114
1 Year Poly+ Studio X52 and TC10	P87625112
1 Year ext 5yr HW Replacement StudioX52 and TC10 with NBD advanced part replacement Poly DaaS Svc	D87625DS1
3 Year Partner Poly+ Onsite Studio X52 and TC10	P87625358
3 Year Partner Poly+ Studio X52 and TC10	P87625362
3 Year Poly Elite Studio X52 and TC10 for Walmart use only	E87625312
3 Year Poly+ Onsite Studio X52 and TC10	P87625314
5 Year HW Replacement for Studio X52 and TC10 with NBD advanced part replacement Poly DaaS Svc	D87625DS5
Service Reactivation fee Studio X52 and TC10 for product less than one year out of support coverage	R87625801
Service Reactivation fee Studio X52 and TC10 for product one year or more out of support coverage	R87625802
Upgrade from embedded 1yr Poly+ to 1yr Elite Poly Studio X52 and TC10	E87625912
Upgrade from embedded 1yr Poly+ to 1yr Poly+ OnsitePoly Studio X52 and TC10	P87625102
Upgrade from embedded 1yr Poly+ to 3yr Partner Poly+ Onsite Poly Studio X52 and TC10	P87625788
Upgrade from embedded 1yr Poly+ to 3yr Partner Poly+ Poly Studio X52 and TC10	P87625351
Upgrade from embedded 1yr Poly+ to 3yr Poly+ Onsite Poly Studio X52 and TC10	P87625309
Upgrade from embedded 1yr Poly+ to 3yr Poly+ Poly Studio X52 and TC10	P87625103
Upgrade from embedded 3yr Partner Poly+ to 3yr Partner Poly+ Onsite Poly Studio X52 and TC10	P87625555
Upgrade from embedded 3yr Partner Poly+ to 3yr Poly+ Onsite Poly Studio X52 and TC10	P87625444
Upgrade from embedded 3yr Partner Poly+ to 3yr Poly+ Poly Studio X52 and TC10	P87625333

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