Poly Studio X70 All-In-One Video Bar with TC8 Controller Kit

Smart camera tech
Give everyone in hybrid meetings an equal seat at the virtual table using a choice of framing modes with Poly DirectorAI smart camera technology.

4K cameras
No one looks their best with pixilated video. Enjoy richer, more lifelike meeting experiences with 4K UltraHD video.

Noise blocking innovations
Outside noise and side conversations can quickly derail a hybrid meeting. Keep background noise in check with Poly NoiseBlockAI and Acoustic Fence technologies.

Beamforming microphone
Make communicating effortless for everyone on the call, with a next-generation beamforming microphone array that clearly picks up all voices in a room.

Datasheet

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Specifications

Camera

Camera resolution: 2160p, 4K UHD (3840 x 2160)
Diagonal field of view (dFoV): 140° (wide); 78° (narrow)
Total Camera Megapixels: 2 x 20 MP
Zoom capability: 7.3x digital
Camera type: Dual-lens
People video resolution: 4K, 30 fps (TX and RX) from 2048 Kbps; 1080p, 30 fps from 1024 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: 5-30 fps (up to 4K resolution at 15 fps in call)
Digital signage: Appspace; Raydiant
Lens privacy capabilities: Integrated
Horizontal field of view (hFoV): 120° (wide); 70° (narrow)
Video standards: H.264 AVC; H.264 High Profile; H.265

Connectivity and communications

External I/O ports:
1 USB Type-C® 5Gbps signaling rate
2 USB Type-A 5Gbps signaling rate
2 RJ-45
1 audio-in
1 audio-out
2 HDMI-out 1.4 (video)
1 HDMI-in 1.4 (audio)
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
Wireless technologies:
Wi-Fi 802.11a/b/g/n/ac (MIMO) Multi-channel Concurrency; Bluetooth® 5.0[1] TAA, JITC and no radio versions available.

Audio

Audio features:
Poly NoiseBlockAI technology
Poly Acoustic Fence technology
Microphone type: Two MEMS microphones; Two second-order microphones
Speaker output power: 2 x 20 W (RMS for mid speakers); 2 x 30 W (maximum for mid speakers); 2 x 15 W (RMS for tweeter speakers); 2 x 20 W (maximum for tweeter speakers)
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: Two-way stereo speakers
Sensitivity (speaker): 83 dB (mid speakers); 89 dB (tweeter speakers)
Microphone pickup range (metric): Up to 7.62 m
Microphone pickup range (imperial): Up to 25 ft

Battery

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

UPC number: 197497449327
Product number: 83Z52AA

Warranty

Poly standard one-year limited warranty

What is in the box

Poly Studio X70
Ethernet cable
HDMI cable
Wall mount kit
AC power adapter
TC8 controller