# Poly Studio X70 All-In-One Video Bar

# **Enable meeting equality**

The Poly Studio X70, all-in-one video bar, offers quality audio and video performance in large meeting spaces. Enjoy pinpoint-accurate automatic framing and tracking modes, distraction-free audio technology, and lifelike 4K UltraHD video.



\*Product image may differ from actual product

#### Crystal clear video

Ready for your close-up? This all-in-one video bar transitions seamlessly between wide and narrow-angle cameras, showing everyone in your large meeting spaces in sharp detail.

#### Production-quality performance

Keep your eye on the action with Poly DirectorAl intelligent camera framing and NoiseBlockAl technology — all powered by machine learning. Get advanced vocal pickup from our next gen microphones. Easily share content over wired or wireless connections.

#### Smart camera tech

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

#### 4K cameras

No one looks their best with pixilated video. Enjoy richer, more life-like meeting experiences with 4K UltraHD video.

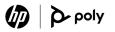
#### Noise blocking innovations

Outside noise and side conversations can quickly derail a hybrid meeting. Keep background noise in check with Poly NoiseBlockAl 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** 



# Poly Studio X70 All-In-One Video Bar

# **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) **Environmenta** 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:

1USB Type-C® 5Gbps signaling rate 2 USB Type-A 5Gbps signaling rate

2 RJ-45 1 audio-ir

1audio-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® 5.01 TAA, JITC and no radio versions available.

### **Audio**

Audio features:

Poly NoiseBlockAl technology Poly Acoustic Fence technology

Microphone type: Two MEMS microphones; Two second-order microphones

Speaker output power:  $2 \times 20 \, \text{W}$  (RMS for mid speakers);  $2 \times 30 \, \text{W}$  (maximum for mid speakers);  $2 \times 15 \, \text{W}$ 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 DirectorAl smart camera technology including group framing, people framing (preview feature), and speaker framing; Auto sensing power supply

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

Non-operating temperature - Celsius: -40 to 70  $^{\circ}\mathrm{C}$ Non-operating temperature - fahrenheit: 40 to 158 °F

# Applications supported

Management software:

# Security

Standard Kensington lock slot

# Weight and dimensions

Weight (imperial): 7.05 lb Weight (metric): 3200 g

**Product dimensions (imperial):** 33.1 x 5.3 x 4.6 in Product Dimensions (metric): 840.18 x 135.38 x 117.33 mm

UPC number: 197497449204 Product number: 83Z51AA

## Warranty

Poly standard one-year limited warranty

# What is in the box

Poly Studio X70 AC power adapter 2 HDMI cable Wall mount kit

Key Selling Points Footnotes

 $^{1} Visit \, https://www.poly.com/us/en/products/video-conferencing/studio/studio-x70 \, for \, more \, detail \,$ 

Technical Specifications Footnotes

