

Poly G7500 Video Conferencing System

Customize rooms with confidence

Outfit conference rooms to meet your organization’s unique needs. The Poly G7500 video conferencing system offers quality audio and video, plus it’s flexible and customizable for any room space.



*Product image may differ from actual product

Create your ideal space

This modular video conferencing system makes it easy to outfit conference rooms to meet your organization’s unique needs. Loaded with flexible features, the G7500 leverages your design to power your meetings and wow your teams.

A flexible room solution

An easy to deploy solution for your modular meeting spaces. Seamlessly connects to Poly cameras and microphones for enhanced audio and video. And includes a robust set of REST APIs so you can easily integrate with other room components.

- Supports quality audio
- Ensures voice clarity for any room type by supporting audio-conferencing processors like QSC, Shure, and Biamp over USB.
- Built-in apps
- Quickly launch video calls with built-in apps that provide a native full-featured experience – no PC required.
- Seamless connections
- Delivers an easily accessible modular room solution by seamlessly connecting to cameras, microphones, and other 3rd party components.
- Audio clarity you can count on
- Keep background noise and side conversations out of meetings with Poly NoiseBlockAI and Acoustic Fence technologies.

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Specifications



Camera

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; 4SIF/4CIF, 60 fps from 512 Kbps; 4SIF/4CIF, 30 fps from 128 Kbps; QCIF (176 x 144) from 64 kbps; SIF (352 x 240) from 64 Kbps; CIF (352 x 288) from 64 Kbps; w288p from 128 Kbps; w448 from 384 Kbps; w576p 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: Poly Content App support; Apple AirPlay; Miracast; Digital Whiteboarding; HDMI input
Video frame rate: 5–60 fps (up to 4K resolution at 15 fps in call)
Digital signage: Appspace; Raydiant
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
3 USB Type-A 5Gbps signaling rate
1 audio-in
1 audio-out
1 RS-232
1 HDMI-in 1.4 (video and audio)
2 HDMI-out 1.4 (video)
1 HDCI
1 HDMI-out 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

Audio

Audio features:
Poly NoiseBlockAI technology
Poly Acoustic Fence technology
Microphone type: Up to three 1x IP microphone arrays
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
Microphone pickup range (metric): Up to 6.09 m

Battery

Power supply type: External
Power features: 65 BTU/h

Certifications

Certified collaboration software: Zoom; Microsoft Teams
Special features: Auto sensing power supply

Environmental

Operating Altitude (Imperial) / Operating Altitude (metric): 10,000 ft / 3,048 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

Applications supported

Management software:
Poly Lens

Security

Standard Kensington lock slot

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; 3x 10/100/1G LLN supporting POE+/PSE; RS232 with REST and CLI API support

Weight and dimensions

Product Primary Color: Black
Weight (metric): 952.5 g
Product Dimensions (metric): 349.2 x 38.1 x 139.7 mm
UPC number: 197497449105
Product number: 83Z50AA

Warranty

Poly standard one-year limited warranty

What is in the box

Poly G7500
AC power adapter
Ethernet cable
Bluetooth® remote control