CUSTOMIZE YOUR CONFERENCE ROOMS WITH CONFIDENCE.
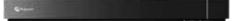
BENEFITS

- Delivers an easily accessible modular room solution by seamlessly connecting to cameras, microphones, and other 3rd party components.

- Enjoy the confidence that no matter what type of call you're making, it will work with nearly every video platform.

- Keep background noise and side conversations out of meetings with Poly NoiseBlockAI and Acoustic Fence technologies.

- Scalable and easily customizable to integrate with controllers and other room components using REST APIs.

- Allows admins to remotely provision, adjust settings, push software updates, and monitor devices using Poly Lens.

POLY G7500

Outfit conference rooms to meet your organization's unique needs. The Poly G7500 video conferencing system offers best-in-class audio and video, plus it's flexible and customizable for any room space. It seamlessly connects to multiple cameras, microphones, and 3rd-party components — plus it includes a robust set of REST APIs so you can easily integrate with controllers and other room components. Launch all your video calls with confidence and ease as the Poly G7500 includes built-in cloud video apps - no PC required. And its flexibility to connect to USB devices and Poly Lens cloud management means easier deployments and ongoing management.

- Seamlessly connects to cameras, microphones, and other 3rd party components.
- Supports industry-leading audio-conferencing processors.
- Built-in video apps for native full-featured experiences.
- Supports Poly USB Device Mode.
- Pair to Poly touch interface or use a 3rd party controller.

POLY G7500

SPECIFICATIONS

VIDEO STANDARDS AND PROTOCOLS

- H.264 AVC, H.264 High Profile, H.265

VIDEO INPUT[1]

- 1x HDCI
- 1x HDMI
- 3x USB
- Camera switching via touch interface

VIDEO OUT

- 2x HDMI
- Touch display compatible

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
- SIF (352 x 240), CIF (352 x 288)
- From 64 Kbps
- QCIF (176 x 144) 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 1080p)
  - WSXGA+ (1680 x 1050)
  - UXGA (1600 x 1200)
  - SXGA (1280 x 1024)
  - WXGA (1280 x 768)
  - HD (1280 x 720p)
  - XGA (1024 x 768)
  - SVGA (800 x 600)
- 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 frame rate
  - 5–60 fps (up to 4K resolution at 15 fps in call)

CONTENT SHARING

- Poly Content App support
- Apple AirPlay
- Miracast
- 1x HDMI input

AUDIO

- Poly NoiseBlockAI technology
- Poly Acoustic Fence technology

AUDIO INPUT

- Up to three 1x IP microphone arrays (20 ft pickup range each)
- 1x HDMI
- 1x 3.5 mm stereo line-in
- USB support for Biamp, Shure, QSC, and Extron audio DSPs

MICROPHONES

- Up to three IP microphone arrays (up to 20 ft pickup range each)

AUDIO OUTPUT

- 1x HDMI
- 1x 3.5 mm stereo line-out

OTHER INTERFACES

- 3x USB 3.0
- 1x USB-C
- 1x RS-232, 8-pin mini-DIN
- Bluetooth 5.0[2]
- WiFi 802.11a/b/g/n/ac (MIMO) Multichannel Concurrency[2]

AUDIO STANDARDS AND PROTOCOLS

- 22 kHz bandwidth with Polycom Siren 22 technology
- 20 kHz bandwidth with G.719 (M- Mode) and Polycom Siren 22 technology
- 14 kHz bandwidth with Polycom Siren 14 technology, G.722.1 Annex C
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728, G.729A

NETWORK

- IPv4
- IPv6
- 1x 10/100/1G Ethernet
- Auto-MDIX
- 3x 10/100/1G LLN supporting POE+/PSE
- H.323 and/or SIP up to 6 Mbps
- Polycom Lost Packet Recovery (LPR) technology
- Dynamic bandwidth allocation
- Reconfigurable MTU size
- RS232 with REST and CLI API support
- Web Proxy support—Basic, Digest and NTLM

SECURITY

- Media encryption (H.323, SIP)
  - AES-128, AES-256
- H.235.6 support
- Authenticated access to admin menus, web interface and APIs
- PKI/Certificate Management:
  - TLS 1.2, 1.1, 1.0
  - Self-signed and CA-signed certificate support
  - CRL and OCSP-based certificate revocation checking
- 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

OPTIONS

- Poly TC8
- Poly TC10
- Poly IP Table Microphone
- Poly Microphone IP Adapter
- EagleEye IV
- EagleEye Producer
- Poly Studio E70

INTEROPERABILITY

- Zoom Certified
- Microsoft Teams Certified
- All cloud service providers through Poly Video App Mode
- USB Device Mode
- Support for native 3rd party applications includes Zoom Rooms, Microsoft Teams, Ring Central, GoToRoom, Dialpad, BlueJeans, and Tencent (China only)

DIGITAL SIGNAGE

- Raydiant
- Appspace

ELECTRICAL

- Auto sensing power supply
- Typical operating voltage/power
  - 100 to 240 VAC, 50/60 Hz
  - 54V DC input, 3.34A, 180W
- Typical BTU/h: 65

ENVIRONMENTAL SPECIFICATION

- Operating temperature
  - 0 to 40 °C (32 - 104 °F)
- Operating humidity
  - 15 to 80%
- Non-operating temperature
  - -40 to 70 °C (-40 to 158 °F)
- Non-operating humidity (non-condensing)
  - 5 to 95%
- Maximum altitude
  - 10,000 ft

PHYSICAL CHARACTERISTICS

- G7500 base box
  - 13.75" L x 1.5" H x 5.5" D in (34.92 x 3.81x 13.97 cm)
  - 2.1 lbs (.95 Kg)

PACKAGE INCLUDES

- G7500 codec
- Cable bundle
- Bundles available with camera, touch controller, Bluetooth® remote control, and IP table microphone

WARRANTY

- One-year return to factory parts and labor

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[1] Video inputs vary by app provider
[2] TAA, JITC and no radio versions available

Certain features may only be available with certain apps or in Poly Video mode

DATA SHEET