



## SEE THE DETAILS YOU NEVER KNEW EXISTED.

### **BENEFITS**

- Simplify the user experience by combining video conferencing and content sharing in one solution
- Make people feel like they are together in the same room with Ultra HD 4K for amazing richness and clarity when sharing content
- Minimize background noise from disrupting meetings with advanced audio technology including Polycom Acoustic Fence and Polycom NoiseBlock technology
- Deployment is streamlined by industry standard cables and IP connectivity of peripherals

### **POLY G7500**

Help teams share ideas and express themselves clearly—in Ultra HD 4K. No ideas get left behind, because anyone can share wirelessly, annotate and capture content for later use. With detailed visuals and rich audio, people feel like they're together in the same room. With noise cancellation built-in, audio distractions like background noise and side conversations are a thing of the past. G7500 is deployment friendly too, with an intuitive user interface and flexible set-up that increases adoption and utilization. Backwards compatibility with legacy Polycom peripherals means there is no need to rip and replace when deploying the G7500.

- Premium audio quality and voice clarity
- Share content wirelessly from any device
- Content annotation and digital whiteboarding
- Customization and security for room control using REST APIs

# POLY G7500



## SPECIFICATIONS

### PACKAGE INCLUDES

- G7500 codec
- EagleEye IV camera or EagleEye Cube USB<sup>1</sup>
- Poly IP Microphone
- Bluetooth Remote control
- Cable bundle

### VIDEO STANDARDS AND PROTOCOLS

- H.264 AVC, H.264 High Profile, H.264 SVC, H.265, RTV
- H.239
- H.264 video error concealment

### VIDEO INPUT

- 1 x HDCI
- 1 x HDMI
- 1 x USB<sup>1</sup>

### VIDEO OUT

- 2x HDMI
- Touch Display Compatible

### PEOPLE VIDEO RESOLUTION

- 4K, 30 fps (TX & RX) from 2048 Kbps<sup>2</sup>
- 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 (3840x2160)
  - 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

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

### AUDIO INPUT

- Up to 3 1x IP Microphone Arrays
- Up to 4x Clink2 Microphones or SoundStructure (using Poly Microphone IP Adapter)
- 1 x HDMI
- 1 x 3.5 mm stereo line-in

### AUDIO OUTPUT

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

### OTHER INTERFACES

- 3x USB 3.0
- 1x USB-C<sup>3</sup>
- 1x RS-232, 8-pin mini-DIN
- Bluetooth 5.0

- WiFi 802.11a/b/g/n/ac (MIMO) Multichannel Concurrency

### AUDIO STANDARDS AND PROTOCOLS

- 22 kHz bandwidth with Polycom Siren 22 technology, G.719 (M- Mode)
- 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 support
- 1 x 10/100/1G Ethernet
- Auto-MDIX
- 3x 10/100/1G LLN supporting POE+/PSE
- H.323 and/or SIP up to 6Mbps
- Polycom Lost Packet Recovery (LPR) technology
- Dynamic Bandwidth Allocation
- Reconfigurable MTU size
- RS232 with REST & CLI API support
- Web Proxy support—Basic, Digest and NTLM
- Simple Certificate Enrollment Protocol (SCEP)

### 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 IP Ceiling Microphone
- Poly IP Table Microphone
- Poly Microphone IP Adapter
- EagleEye Cube USB<sup>1</sup>
- EagleEye Director II
- EagleEye Producer

#### INTEROPERABILITY

- Zoom Meetings
- BlueJeans Video Conferencing

#### ELECTRICAL

- Auto sensing power supply
- Typical operating voltage/power
  - 37VA @ 120V @ 60 Hz
  - 37VA @ 230V @ 50/60 Hz
- Typical BTU/h: 65

#### ENVIRONMENTAL SPECIFICATION

- Operating temperature: 0 to 40 °C
- Operating humidity: 15 to 80%
- Non-operating temperature: -40 to 70 °C
- 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
  - 2.1 lbs

#### WARRANTY

- One-year return to factory parts and labor

<sup>1</sup> Available with version 2.1 software.

<sup>2</sup> Available with version 2.1 software running on a single monitor. G7500 will attempt to provide highest quality at lowest speed. Results may vary.

<sup>3</sup> For future use

#### LEARN MORE

For more information on G7500 visit [www.poly.com/g7500](http://www.poly.com/g7500)