

POLY G7500



SPECIFICATIONS

VIDEO STANDARDS AND PROTOCOLS

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

VIDEO INPUT¹

- 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 5.0²
- WiFi 802.11a/b/g/n/ac (MIMO) Multichannel Concurrency²

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 3.81 x 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

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



LEARN MORE

For more information on G7500 visit btigroup.com/contact