

# POLYCOM GROUP 500

## BENEFITS

- ✓ TIP interoperability
- ✓ Web UI / SNMP Whitelists
- ✓ Authenticated access to admin menus, web interface and telnet API
- ✓ US DoD UC APL Certified
- ✓ Network intrusion detection system

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# POLY G200

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## About Poly G200

The Polycom® RealPresence® Group 500 solution is ideal for conference rooms and other collaborative environments, from small meeting rooms to larger rooms with dual screens. Powerful video and audio performance and interactive content collaboration bring users closer together and drive meaningful conversation for geographically dispersed teams. The compact, sleek design is easily hidden out of sight, keeping your rooms clutter-free. Effectively sharing and collaborating with content across disparate teams is critical. With the Polycom® RealPresence® Group 500 solution there are multiple ways to share and collaborate, allowing each team to use the method most suited to their needs and style. From whiteboarding, to annotating, to sharing applications and programs on a computer or tablet—all can be included as part of a comprehensive, collaborative video session.

Conference rooms come in all shapes and sizes, but it is important to deliver a great experience for all participants, no matter the size of the room. The Polycom® RealPresence® Group 500 solution offers flexible options that ensure that all participants can see and be seen, no matter where they are sitting. Use the optional built-in multipoint to host video calls with up to 6 participants in HD quality. Included support for dual monitors helps participants see everything more clearly for meetings with greater impact. For a turnkey solution, Polycom® RealPresence® Medialign™ solutions deliver the industry's best video collaboration with an innovative, modern design that deploys anywhere in minutes.

## Benefits

Simple to use, with one-touch dial from the integrated calendar and the Skype for Business interface on the optional RealPresence Touch

Flexible, interactive content collaboration so distant teams can work more closely together

High-performance video and content quality so everyone can view and share without compromise

Simple installation and compact design for quick and easy deployment

Right-size the solution to meet the needs of each individual conference room with flexible camera and accessory options for the best user experience and cost-effective deployment

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# GROUP 500

## SPECIFICATION

### Package Includes

- RealPresence Group 500 codec
- Cable bundle
- Remote control
- EagleEye IV camera and RealPresence Group Microphone Array, or EagleEye Acoustic camera

### Video Standards And Protocols

- H.261, H.263, H.264 AVC, H.264 High Profile, H.264 SVC, RTV
- H.239/Polycom® People+Content™
- H.263 & H.264 video error concealment

### Video Input

- 1 x HDCI
- 1 x HDMI 1.3
- 1 x VGA

### Video out

- 2 x HDMI 1.3

### People video resolution

- 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
- QSIF (176 x 120), QCIF (176 x 144) from 64 kbps
- w288p from 128 Kbps
- w448 from 384 Kbps
- w576p from 512 Kbps



### Content video resolution

- Input
  - HD (1920 x 1080i), 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
  - 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)
  - VGA (640 x 480)
- Content frame rate
  - 5–60 fps (up to 1080p resolution at 60 fps)
- Content Sharing
  - People+Content and People+Content IP

### Other interfaces

- 2 x USB 2.0
- 1 x RS-232, 8-pin mini-DIN

### Audio input

- 1 x RealPresence Group microphone array input port (supporting a total of 4 microphone arrays)
- USB headset support
- 1 x HDCI (camera)
- 1 x HDMI
- 1 x 3.5 mm stereo line-in

### Audio output

- 1 x HDMI
- USB headset support
- 1 x 3.5 mm stereo line-out

### Audio standards and protocols

- 22 kHz bandwidth with Polycom® Siren™ 22 technology, AAC-LD (TIP calls), G.719 (Live Music 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

## Polycom® Constant Clarity™ technology

- Automatic gain control
- Automatic noise suppression
- Keyboard noise reduction
- Polycom® NoiseBlock™ technology
- Polycom® Acoustic Fence™
- Live music mode
- Instant adaptation echo cancellation
- Audio error concealment
- Polycom Siren Lost Packet Recovery™ (LPR™) technology
- Polycom® StereoSurround™ technology

## Other supported standards

- H.224/H.281, H.323 Annex Q, H.225, H.245, H.241, H.239, H.243, H.460
- BFCP (RFC 4582)
- TIP

## Network

- IPv4 and IPv6 support
- 1 x 10/100/1G Ethernet
- Auto-MDIX
- H.323 and/or SIP up to 6 Mbps
- Polycom® Lost Packet Recovery™ (LPR™) technology

## Options

- Polycom® RealPresence® Touch
- Polycom® EagleEye™ Producer
- Polycom® EagleEye™ Director II
- Polycom® SoundStation® IP 7000 conference phone integration
- Polycom® SoundStructure® integration through a digital interface

## Typical operating voltage/power

- 37VA @ 120V @ 60 Hz
- 37VA @ 230V @ 50/60 Hz
- Typical BTU/h: 65

## Security

- US DoD UC APL Certified (see the Polycom US Federal Government Accreditation site for details)
- Media Encryption (H.323, SIP): AES-128, AES-256
- H.235.6 support
- Authenticated access to admin menus , web interface and telnet API
- FIPS 140-2 Validated Cryptography (Validation Certificate #1747)
- PKI/Certificate Management:
  - SSL 3.0, TLS 1.0, 1.1, 1.2
  - Self-signed and CA
  - signed certificate support
  - CRL and OCSP
  - based certificate revocation checking
- Network intrusion detection system
- Local account password policy configuration
- Security profiles
- Web UI / SNMP Whitelists
- Local account and login port lockout

## Software options

- Skype for Business and Lync Integration
- TIP interoperability
- 1080p license, providing up to 1080p60 for people and content
- Multipoint license for up to 6 sites at 720p30, or 4 sites at 1080p30

## Electrical

- Auto sensing power supply

## 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

- RealPresence Group 500 base box
  - 11.3" H x 1.2" W x 4.8" D
  - 2.45 lbs

## Warranty

- One-year return to factory parts and labor

