POWERFUL VIDEO COLLABORATION FOR GROUP CONFERENCES.

BENEFITS

- Simple to use, with one-touch dial from the integrated calendar

- 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 costeffective deployment

- Built-in interoperability unlocks access to the highest quality in-room collaboration experience for Video as a Service customers

POLYCOM REALPRESENCE GROUP 500

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.

RealPresence Group Series is the only standards-based group video conferencing system that is certified with Skype for Business and Office 365, making it easy to connect without changing the way you work. And because RealPresence Group is also standards-based, it's easy to connect with customers, partners, and others outside your organization.

Content can be sent and received in up to 1080p60 quality, and it's easy to share using the HDMI or VGA connections or wirelessly from your laptop or mobile device. For advanced content collaboration, with up to 4 users at the same time plus annotation and whiteboarding when using a touch display.

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 ensures all participants can see and be seen, no matter where they are sitting.

- Polycom® EagleEye™ Producer uses innovative facial-tracking algorithms to accurately frame all room participants, or focus on the person speaking, eliminating the all too common "bowling alley" view.
- Polycom® EagleEye™ Director II offers the highest performance speaker tracking experience, transmitting facial expressions and body language for higher impact and more productive video collaboration

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 a turnkey solution, Polycom® RealPresence® Medialign™ solutions delivers the industry's best video collaboration with an innovative, modern design that deploys anywhere in minutes.

For more details on the benefits of the Polycom RealPresence Group 500, please see the RealPresence Group Series family brochure

POLYCOM REALPRESENCE GROUP 500

SPECIFICATIONS

PACKAGE INCLUDES

- RealPresence Group 500 codec
- RealPresence Group Microphone Array
- Polycom EagleEye IV camera
- Cable bundle
- Remote control

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
- QCIF (176 x 144) from 64 Kbps
- w288p from 128 Kbps
- w448p 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) (1024 x 768)
  - HD (1280 x720p), 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
  - Polycom People+Content IP and Polycom Pano app support
  - VbSS content in Microsoft environments

AUDIO INPUT

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

AUDIO OUTPUT

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

OTHER INTERFACES

- 1 x USB 2.0 (front)
- 1 x RS-232, 8-pin mini-DIN

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 technology
- Live music mode
- Instant adaptation echo cancellation
- Audio error concealment
- Polycom Siren Lost Packet Recovery technology
- Polycom StereoSurround technology
- Active Lip Synchronization

OTHER SUPPORTED STANDARDS

- H224/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
- Reconfigurable MTU size
- RS232 with API support
- Web Proxy support—Basic, Digest and NTLM
- Simple Certificate Enrollment Protocol (SCEP)

INTEROPERABILITY

- Microsoft Lync and Skype for Business certification, including Skype for Business Online / Office 365
- IBM Sametime support
- Zoom Meetings interoperability
- BlueJeans Cloud Services Interoperability
- Microsoft Office Communications Server integration
- Microsoft ICE support

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

OPTIONS

- Polycom Pano
- Polycom RealPresence Touch
- Polycom EagleEye Cube camera
- Polycom EagleEye Producer
- Polycom EagleEye Director II
- Polycom SoundStation IP 7000 conference phone integration
- Polycom SoundStructure integration through a digital interface

SOFTWARE OPTIONS

- 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

TYPICAL OPERATING VOLTAGE/POWER

- 37VA @ 120V @ 60 Hz
- 37VA @ 230V @ 50/60 Hz
- Typical BTU/h: 280

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

LEARN MORE

For more information on RealPresence Group Series visit **www.polycom.com/groupseries**