

▶ Polycom® Architected Telepresence Experience™ (Polycom ATX) 300

Extending immersive telepresence into more environments than ever



The ultimate solution for flexibility in immersive telepresence deployments.

Designed for deploying immersive telepresence across a wide range of customer environments, the Polycom Architected Telepresence Experience solutions allow more organizations than ever to improve collaboration and productivity with life-like visual communication over any distance.

With the Polycom Architected Telepresence Experience solution, industry leading technology components are integrated with planning, design, and implementation services from our integration partners to streamline the deployment process.

Customizable Immersive Telepresence Solutions

The Polycom ATX 300 components, including industry-leading codecs, cameras, microphone arrays, software, configuration tools, and more, provide powerful technologies that support unique deployment requirements.

Meeting spaces, furniture, displays and decor are customizable to unique use models and environmental requirements. Content displays can be incorporated into the room design to address unique collaboration applications. Even the user interface on the control panel can be customized to provide additional audiovisual and room controls for lighting, additional cameras, content displays, audio, electronic whiteboards and other multimedia devices. The interface may be tailored further to include branding, a different language, or a specific color scheme or style. Design, integration, support and ongoing services ensure all solutions fully address the customers' existing and evolving needs.

With highly adaptable and flexible deployment options, Polycom Architected Telepresence Experience solutions are also completely standards-based and fully interoperable with the millions of existing video conferencing systems in use around the world today, including all Polycom immersive, room, and personal telepresence solutions.

Find Out More

Learn what the Polycom Architected Telepresence Experience 300 can do for your organization. Visit us at www.polycom.com or contact your Polycom Representative.

Benefits

- ▶ Industry-leading technologies and expertise deliver consistent life-like meeting experiences
- ▶ Design flexibility allows organizations to leverage existing space, furniture, and decor
- ▶ Polycom UltimateHD™ and Lost Packet Recovery™ technology enable unmatched degrees of interaction quality
- ▶ Users see facial expressions, make eye contact and read body language with HD video supporting 720p/60 fps or 1080p
- ▶ High Definition audio allows meeting participants to hear every nuance of the conversation
- ▶ Partner services and expertise address specific application requirements

Polycom Architected Telepresence Experience™ Specifications

The powerful technologies of the Polycom Architected Telepresence Experience (Polycom ATX) 300 solution, along with the expertise of leading integrators, support the unique immersive telepresence deployment requirements of our most valued customers.

Complete Solution

Polycom Components

- 3 Polycom HDX™ 8006 codecs and rack mount brackets
- 3 Polycom EagleEye™ 1080p cameras (silver), and mounting brackets
- 1 HDX Ceiling Microphone Array and 2 extension kits for a total of 3 ceiling microphones per room, white
- Laptop / content input accessory
- Accessory kit

Polycom Telepresence Software and Documentation

- HDX telepresence software
- Crestron® control system software
- Telepresence configuration tool
- Integration guide with setup instructions
- Quick reference card
- User guide

Polycom ATX SDK Components

- Crestron control module, sample UI code and technical documentation
- AMX control module, sample UI code and technical documentation

Partner Components

(including but not limited to):

- 3 Displays and display mountings
- Control system hardware
- Content displays if needed
- Component rack and cabling as needed
- Speakers and speaker mounts if needed
- Custom hardware and furniture as required by customer

Technical Specifications

Video Standards & Protocols

- H.264 video codec with H.239 People+Content
- H.261 and H.263++ for compatibility with legacy video conferencing endpoints
- H.264 and H.263 Video error concealment (including Polycom Lost Packet Recovery™) for resiliency against network issues
- AES media encryption for secure video/ audio and content

Audio Standards & Protocols

- 22kHz bandwidth with Polycom StereoSurround™ and Polycom Siren™ 22
- 14kHz bandwidth with Polycom Siren 14, G.722.1 Annex C
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711

Room Dimensions

- Minimum: 18' x 13' x 8' (5.5m x 4.0m x 2.4m)
- Recommended: 24' x 15' x 8' 8" (7.3m x 4.5m x 2.6m)

Operating Environments

- Operating temperature: 5° C to +30° C
- Relative humidity: -10% to 80% non-condensing

Regulatory

- CSA
- CE

Network & Analog Requirements

- Recommended bandwidth: 15 Mbps for 720p, 60 fps or 21 Mbps for 1080p, 30 fps video resolution
- Minimum bandwidth: 7.5 Mbps for 720p, 60fps or 11 Mbps for 1080p, 30 fps video resolution
- 4 Ethernet drops of 100 Base-T for network connectivity
- 1 Analog phone line for integrated Audio Add-on

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