

Polycom® RSS™ 4000

Powerful recording and streaming software

Extend and enhance communication across your organization with video recording and streaming.

The Polycom RSS 4000 server is the key video capture device in the Polycom Video Content Management solutions. It records, archives, and streams telepresence and video conferences to desktops, conference rooms, and more. Organizations benefit from reduced communication costs, improved knowledge sharing, and extended use of information assets.

By leveraging the Polycom RSS 4000 solution with existing telepresence systems, video conferencing endpoints and video infrastructures, organizations convert one-time events into knowledge assets deliverable to audiences via URL link where they can click and view the video on demand recording. Applications for the Polycom RSS 4000 solution include executive and corporate communications, training sessions, lectures, project management meetings, and more. The Polycom RSS 4000 solution is simple to use and fully compatible with standards-based telepresence and video conference systems, conference bridges and management applications.

Conferences are streamed to live audiences with the highest quality audio and video (up to 720p), and automatically archived in the Polycom RSS 4000 solution in up to 1080p HD resolution, with Polycom StereoSurround™ audio and shared content such as slides and spreadsheets. Integration with Polycom Video Conference Platforms, RMX series, enables one-touch recording, and all recordings can be securely played back on telepresence and video conferencing systems or via web browser. For organizations requiring a complete video content management solution, the Polycom RSS 4000 solution integrates with the Polycom® RealPresence™ Media Manager to automatically import and publish recordings and widely broadcast live streams.

An Essential Element in the Polycom RealPresence Platform

Polycom is the global leader in standards-based unified communications (UC) solutions for telepresence, video and voice, powered by the Polycom® RealPresence™ Platform. The RealPresence platform interoperates with the broadest range of business, mobile and social applications and devices. More than 400,000 organizations trust Polycom solutions to collaborate and meet face-to-face from any location for more productive and effective engagement with colleagues, partners, customers and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security--on-premises, hosted, or cloud delivered.

Learn More

For more information, visit www.polycom.com, call +44 1753 723282, or contact your Polycom sales representative.



Recording

- Easily capture telepresence and video conferences, including content, using standard-based endpoints
- Record and stream events in high quality with HD and SD formats and high fidelity audio
- Access and centrally manage via the existing network – no need for additional recording devices
- Record up to 15 simultaneous conferences for large recording needs

Streaming and Playback

- Produce up to 4 Standard Definition quality live streams
- Stream in 720p High Definition (HD) quality
- Access video content live or on demand
- Search and review archived content from video endpoints or web interface
- View content in recorded format, including HD

Polycom RSS 4000 Specifications

Application Highlights

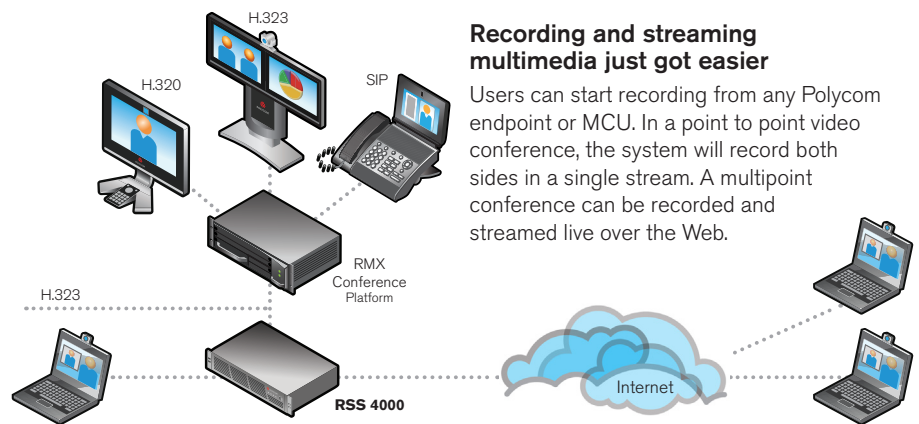
- Records single point or multipoint conferences with full H.239 content capture
- Polycom high definition (HD) support with 720p and 1080p H.264 video and Polycom Siren™ 22 audio technology
- High capacity recording for up to 15 simultaneous sessions
- Playback of video content from endpoints or web browsers
- Integrates with the Polycom® RealPresence™ Media Manager for enhanced content management auto publishing and streaming scale
- Integrates with Polycom HDX endpoints and Polycom RMX/MGC conference platforms for intuitive and automated recording and playback
- XML API support for third party integrations
- H.323 standards-based for use with third party conferencing systems

Audio/Video Support

- H.323 and SIP RFC 3261
- Live Video Resolutions: QCIF, C(S)IF, 4CIF, SD, HD, XGA, SVGA, VGA
- Audio support: G.711 a and u, G.722, G.728, G.722.1, Annex C, Siren 14, Siren 22 Stereo technology
- H.264 High Profile and Polycom Lost Packet Recovery™ (LPR™) technologies
- Records in Window Media (WMV) and H.264 MP4 video formats, plus MP3 audio

Recording

- Supports up to 15 concurrent telepresence and video conferencing recording sessions with full video, audio and content
- Records audio/video at varying bit rates – 128 kbps to 4 Mbps
- Up to 1080p HD record and playback, record stereo calls in single point and multipoint calls
- Records presented content via H.239
- Point-to-point recording rooms for side-by-side video and content capture
- Configurable recording templates to specify multiple bit rates for streaming/recording, video file formats, custom defined archive file names and content options
- IVR support to provide users verbal indicators of status (recording, pause, etc.)



Recording and streaming multimedia just got easier

Users can start recording from any Polycom endpoint or MCU. In a point to point video conference, the system will record both sides in a single stream. A multipoint conference can be recorded and streamed live over the Web.

- Multiple methods for recording – direct from a video endpoint, MCU/bridge or from the admin user interface

Playback

- Archived playback to H.323/SIP endpoint
- Search and sorting options for archives from endpoint interface
- Quickcode easy playback of archive from video endpoint
- Offload converted video content for playback on other multimedia devices
Windows media download option for video editing or distribution
- Up to 15 H.323 connections for media playback

Streaming

- High Definition – 720p live stream
- Up to 4 concurrent Standard Definition live streams
- Unicast up to 200 concurrent streams
- Pre-defined Live Streaming URLs for scheduling/integration distribution
- Multicast Network support
- Supports Windows Media Player or Microsoft Silverlight

Capacity

- Up to 700 hours of storage at 768kbps of H.323 video, audio and content

Security

- User and endpoint viewing and recording rights authorization
- AES media encryption
- TLS/SSL and HTTPS Support

Management

- Embedded Web server
- Linux Operating System

- Support for third-party Gatekeepers
- Online status and control of recording functions of current connected H.323 devices
- Dial out and record for easy recording by administrators
- User Management with Active Directory® integration
- Diagnostic logging
- Network Time Protocol
- Menu customization for the end user interfaces
- Automatic backup and file management functions

Language support

- Multi-language support for end user navigation and administrators
- Network Interface
- 2 x 10/100/1000 Ethernet (2nd port reserved for future use)

Power

- Input Voltage: 100–240 V, 50 – 60 Hz, 4 – 10 Amps, support 1+1 redundancy
- 700W ATX AC power supply w/PFC

System Configuration

- 2 x 1TB SATA hard disk, RAID-1 configuration

Physical Dimensions

- Form Factor: 2U 19" rack mount
- Height: 89 mm
- Width: 441 mm
- Depth: 485 mm
- Gross Weight: 19.5 kg

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