



Polycom® ReadiConvene™ 16 & 24

High Bandwidth, High Definition, Readi-Configured Multipoint Conferencing Solutions Just Got Easier



Benefits

"Readi-Configured" - Available in 16 or 24 site configurations, every participant can now experience the benefits of high bandwidth IP conferencing. Every participant will now see and hear the difference, benefiting from increased reliability and the best possible conference experience. In addition these configurations are also HD-ready, so you can take advantage of the next generation of video conferencing as it emerges.

Easy to use - The simplest way to conference! Taking advantage of one-number dialling with a single pass code for both voice and video applications, or simply point and click to initiate on-demand conferencing from a desktop video application

On-demand and Scheduled - ReadiConvene 16 & 24 products embrace all modes of conferencing, supporting both reserved and reservation-less modes for complete conferencing flexibility
Microsoft Desktop Integration - Using Microsoft Office Communicator, escalate a multiparty IM session to video with "One-Click" multiparty conferencing

ReadiManager Ready - ReadiConvene 16 & 24 are ready to receive an Integrated Application Module (IAM). Available separately, the ReadiManager IAM is an integrated pre-installed appliance which provides gatekeeper, device management, conference scheduling and management capabilities within the ReadiConvene solution

Reduce Your TCO - The only single platform that can support all your IP, ISDN voice and video conferencing requirements, significantly reducing costs

Polycom's ReadiConvene 16 & 24 conference bridges are purpose built to deliver high quality, high bandwidth video on an all-in-one platform. From the desktop to conference room, it's now "Readi-Configured" for all applications!

Easy to deploy, easy to manage and easy to access, Polycom's ReadiConvene conference bridges support full-featured IP voice, video, Web and unified conferencing - including both multipoint and gateway calls.

Both on-demand and scheduled conferences are supported simultaneously on the same platform, allowing organisations to deploy the most effective type of conferencing to meet their needs. With ReadiConvene's on-demand conferencing features, administrators can deploy self-service conferencing, allowing users to launch their own voice, video, or unified conferences at any time, relieving the administrator of time-consuming and repetitive conference set up and management.

ReadiConvene simplifies end user conference access with options that include dialling a single number to start a conference, with or without pass codes; clicking on a familiar name in a global directory; or even launching a conference from a Web-based buddy list such as Polycom WebOffice® or Microsoft's Office Communicator.

In addition ReadiConvene also has the option to host an integrated suite of scheduling and management applications, all on a single platform for unsurpassed ROI. This full suite of advanced voice and video conference management applications - available separately on the ReadiConvene "Integrated Application Module" (IAM) - simplifies day-to-day operations and minimises the need for deploying multiple servers. This completely integrated suite of applications is also available on the stand-alone, appliance-based ReadiManager™ SE200.

ReadiConvene is easy to order, with IP-based conferencing offering the best price/performance in ready-to deploy configurations. Optionally, conference pack upgrades are available for ISDN and PSTN multi-network support. These configurations offer the best price performance of any MCU on the market today. In addition the ReadiConvene products are all High-Definition ready, ensuring you can take advantage of the next generation of video conferencing as it emerges.

Quite simply, ReadiConvene is an innovative, IP-based conferencing platform that simplifies the purchase, deployment, and management of rich media conferencing and collaboration.

With the greatest breadth and depth of integrated video, voice, and Web solutions, only Polycom delivers the ultimate communications experience. Our market-leading conferencing and collaboration technologies, supported by world-class service, enable people and organisations to maximise their effectiveness and productivity. Add to that the most experience and proven best-practices in the industry, and it's clear why Polycom has become the smart choice for organisations seeking a strategic advantage in a real-time world.



VIDEO

VOICE

DATA

WEB

TOGETHER, GREAT THINGS HAPPEN.

Polycom ReadiConvene Unified Platform

ReadiConvene 16, 24 support both multipoint and gateway conferencing capabilities on the same platform without the need for any external devices. It supports IP voice, video, and unified conferences with support for circuit switched networks made possible using the ReadI - ISDN option.

- IP (H.323 & SIP) and *ISDN (H.320) video
- VoIP and *PSTN voice

Video Standards

- H.261, H.263, H.264

Video Resolutions

- QSIF, SIF, 4SIF, QCIF, CIF, 4CIF, VGA, SVGA, XGA, PAL, NTSC video resolution, HD

Video Frame Rates

- 30 frames per second; 60 fields per second

Audio Support

- G.711a, G.711u, G.722, G.722.1, G.723.1, G.728, G.729a, Siren 7, Siren 14

Supported Bandwidths

- Every IP port supports calls up to 2Mbps

Content Sharing Support

- H.239
- People+Content

Full, Automatic Universal Transcoding

ReadiConvene features Polycom's industry-leading Transcoding technology, a method that ensures the highest quality and increased reliability by facilitating conferences that require support for mixed networks, bandwidths and endpoints with different capabilities. Every port will seamlessly Transcode the following parameters:

- Audio Standards: G.711, G.722, G.722.1, G.723, G.728, G.729a, Siren™ 7, Siren 14
- Networks: IP (H.323, SIP), *ISDN, *PSTN
- Network Speed: 128 Kbps up to 2 Mbps
- Video Resolution: QCIF or CIF
- Video Standards : H.261, H.263, H.264
- Frame Rate: 7.5 fps-30 fps; 60 fields-per-second
- People+Content™ - H.239

Integrated Application Module (IAM) Ready

The architecture of the ReadIConvene platform offers the unique ability to integrate the Polycom IAM module into the chassis. The IAM module hosts the ReadIManager, a software suite, providing integrated gatekeeper, integrated scheduling, deployment and management capabilities.

Scheduling & System Management

ReadIConvene benefits from a single integrated scheduling and system management interface

- View all conference activity, participant status, diagnostic monitoring from one interface
- Proactive alerts for systems administrators
- Centralised multipoint & gateway CDR records

* Using ReadI - ISDN option

Quality of Service & IP Resiliency

- IP Precedence
- IP DiffServ
- Enhanced IP audio & video resilience

Conference Security

- Conference level password protection
- Unique Guest & Chairperson password protection
- Auto generation of conference passwords ensuring all conferences are password protected
- Password integrity check ensures that all passwords meet a pre-determined number of characters
- Restrict access to ongoing conference for dial in connections
- Entry and exit tones with named participant announcements
- Conference only accessible when Chairperson is in attendance
- Auto termination conferences
- Management encryption
- AES media encryption
- Certified Firewall/NAT traversal solution
- *CLI support

Conference Access & Ease of Use

- Direct dial/single number access to each conference
- Single number/entry queue access for all conferences
- Multiple entry queues supporting customisable/multi-lingual IVR prompts

Conference Modes of Operation

ReadIConvene 16 & 24 supports both on-demand and scheduled conferencing.

- Scheduled, Ad-hoc and Meeting Room Conferences
- Guaranteed availability
- Un-reserved
- Mixed mode

Network interface support

- 10/100 Ethernet
- *Two PRI Interface ISDN and Dedicated, T1/E1
- *Four PRI Interface ISDN and Dedicated, T1/E1

ReadIConvene Dimensions

- Height: 40.8 cm (16 in)
- Width: 38.1 cm (15 in)
- Depth: 50.2 cm (19 in)
- 8-slot chassis power: 120-230VAC; 50/60Hz

ReadIConvene Operating Environment

- Operating Temp: 10° to 40° C (50° to 104° F), 3400 BTU/hr
- Storage Temperature: -40° to 70° C (-40° to 158° F)
- Relative Humidity: 15% to 90% noncondensing
- Operating Altitude: Up to 3,000 m (10,000 ft)
- Storage Altitude: Up to 12,000 m (40,000 ft)
- Operating ESD: +8kV
- Storage ESD: +15kV

©2005 Polycom, Inc. All rights reserved.

Polycom, the Polycom logo and Polycom WebOffice are registered trademarks and ReadIConvene, ReadIManager, MGC, People+Content and Siren are trademarks of Polycom, Inc. All other trademarks are the property of their respective owners. Information in this document is subject to change without notice.



Polycom EMEA Headquarters: 270 Bath Road, Slough, Berkshire SL1 4DX, United Kingdom, (T) +44 (0)1753 723000, (F) +44 (0)1753 723010

Polycom (France) Sarl: Tour Areva, 31st Floor, 1 place de la Coupole, 92084 la Defense, Paris, France, (T) +33 141 321 999, (F) +33 141 321 998

Polycom (Germany) GmbH: Am Söldnermoos 17, 85399 Hallbergmoos, Germany, (T) +49 (0)811-9994 - 100, (F) +49 (0)811-9994 - 200

Polycom (Italy) S.r.l. Via Rivoltana 2/d, 20090 Segrate, MI, Italy, (T) +39 02 753 99 210, (F) +39 02 75 39 92 49

Polycom (Spain) S.A. Lopez de Hoyos 35 - 1°, 28002 Madrid, Spain, (T) +34 91 7459973, (F) +34 91 7459999

Polycom Headquarters: 4750 Willow Road, Pleasanton, CA 94588 (T) 1.800.POLYCOM (765.9266) for North America only.

Part No. 3726-17299-002 Rev. 01/06