

Polycom MGC-25 Technical Specifications

Audio support

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

Video support

- H.261, H.263, H.264*
- 30 frames per second, 60 fields per second
- QCIF, CIF, 4CIF, VGA, SVGA, XGA, NTSC video resolution

Conference data rates

- 56/64 Kbps to 2 Mbps

Network interface support

- 10/100 Ethernet
- 2 PRI Interface ISDN and Dedicated T1/E1

MGC-25 chassis dimensions

- 2U
- Width: 19" (48 cm)
- Depth: 19" (48 cm)

MGC-25 chassis operating environment

- Operating Temp 10° to 40° C, (50° Environment to 104° F), 3400 BTU per hour
- 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

Power supply

- AC input 100 - 240 VAC, 50/60 HZ
Power consumption
- AC voltage – up to 2 AMP at 100 VAC. 1 AMP at 240 VAC

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Polycom® MGC-25

All the power of Polycom multipoint conferencing in a compact size



Benefits

Highest quality video processing – As an option, users can take advantage of Polycom's industry leading continuous presence, transcoding and Click&View. The MGC-25 offers all the advanced features of the MGC-50 and MGC-100 in a work group, plug and play, conferencing platform

An easy start – Preset configurations and support for multiple networks – IP, ISDN, VoIP, and PSTN

High-value conferencing – Takes advantage of same software as the MGC-50 and MGC-100 platforms. Offers features such as superior, state-of-the-art, high-fidelity audio (Siren 14) and video with a frame rate of up to 60 fields-per-second

True plug-and-play functionality – Easy-to-use LCD and keypad and a self-guided wizard enable fast setup

Total flexibility – Enjoy ad hoc conferencing with one number for video and voice conferences, as well as scheduled conferencing through various management tools

Web collaboration – Complete integration with Polycom WebOffice™ providing an integrated audio, video and Web conferencing solution.

Investment protection – Upgrade any configuration of the MGC-25 to the Unified 24 configuration at any time

A plug-and-play, multinetwork solution, the MGC-25 platform delivers feature-rich, economical, easy-to-use multipoint audio, video, and gateway conferencing.

An easy conferencing start with preset configurations of unified, audio, video, and gateway conferencing, the MGC-25 provides high-value conferencing in a plug-and-play platform. Because the MGC-25 takes advantage of the same software as the MGC-50 and MGC-100, the MGC-25 includes unique features like interactive keypad control (IVR/DTMF) for audio and video conferencing, and provides unmatched audio and video quality.

The MGC-25 provides flexibility. End users can use a single number per conference for ad hoc conferencing, and they can choose to schedule their conferences from any MGC management and scheduling application.

The plug-and-play choice for The Polycom Office™

With integrated video, audio, data, and Web capabilities, The Polycom Office is the only solution that offers you an easy way to connect, conference, and collaborate any way you want. The Polycom Office is our commitment to making distance communications as natural and interactive as being there. Work faster, smarter, and better with the Polycom MGC-25 and The Polycom Office.



Polycom MGC-25

By offering 10 different configurations, the MGC-25 can support multiple types of applications and networks including gateway, full featured, multi-point voice and video conferencing of both with Unified Conferencing.

Upgrade to the MGC-25 Unified 24

If you start with any gateway configuration, IP 12, IP 16+ or *VoicePlus* 24 configuration, you can always upgrade to the Unified 24 configuration with out changing or purchasing a new system. Start with any gateway and move to voice and video conferencing applications or start with voice conferencing and move to video conferencing.

Upgrade to the MGC-25 Unified 24 V

If you start with IP 16+ V or with ISDN V and would like to upgrade to a Unified Conferencing solution, again you can upgrade without purchasing a new system.

The MGC-25 can grow with your organization.

The MGC-25 is available in 10 configurations of Gateway, Polycom *VideoPlus*, Polycom *VoicePlus* and Unified Conferencing.

MGC-25 Capacity

Gateway	Networks Supported	Number of Sessions
GW1	IP/ISDN	Up to: 11 @ 128 Kbps @ T1 12 @ 128 Kbps @ E1 3 @ 384 Kbps @ T1 5 @ 384 Kbps @ E1
GW2	IP/ISDN	Up to: 12 @ 128 Kbps @ T1/E1 7 @ 384 Kbps @ T1 10 @ 384 Kbps @ E1
IP	Networks Supported	Total Number of Ports
IP 12	IP/VoIP	Up to: 24 VoIP/64 Kbps 24 @ 128 Kbps 12 @ 384 Kbps 6 @ 768 Kbps 3 @ T1/E1
IP 16+	IP/PSTN Voice	Up to: 8 PSTN/64 Kbps 24 VoIP/64 Kbps 24 IP @ 128 Kbps 16 IP @ 384 Kbps 8 IP @ 768 Kbps 4 IP @ T1/E1
IP 16+ V Advanced Continuous Presence, transcoding and Click&View included	IP/PSTN Voice	Up to: 8 PSTN/64kbps 24 VoIP/64 kbps 24 IP @ 128 kbps 16 IP @ 384 kbps 8 IP @ 768 kbps 4 IP @ T1/E1
ISDN	Networks Supported	Total Number of Ports
ISDN V Advanced Continuous Presence, transcoding and Click&View included	ISDN	Up to: 12 ISDN @ 128 kbps T1/E1 7-10 ISDN @ 384 kbps T1/E1 3-5 ISDN @ 768 kbps T1/E1 2 ISDN @ T1/E1
Unified	Networks Supported	Total Number of Ports
Unified 24 (A maximum of 24 ports in any of the following combinations)	IP/ISDN/PSTN/VoIP	Up to: 24 PSTN/64 Kbps 12 ISDN @ 128 Kbps @ T1/E1 7-10 ISDN @ 384 Kbps @ T1/E1 3-5 ISDN @ 768 Kbps @ T1/E1 2 ISDN @ T1/E1 16 VoIP/64 Kbps 16 IP @ 128 Kbps 16 IP @ 384 Kbps 8 IP @ 768 Kbps 4 IP @ T1/E1
Unified 24 V (A maximum of 24 ports in any of the following combinations) Advanced Continuous Presence, transcoding and Click&View included	IP/ISDN/PSTN/VoIP	Up to: 24 PSTN/64kbps 12 ISDN @ 128 kbps T1/E1 7-10 ISDN @ 384 kbps T1/E1 3-5 ISDN @ 768 kbps T1/E1 2 ISDN @ T1/E1 16 VoIP/64 kbps 16 IP @ 128 kbps 16 IP @ 384 kbps 8 IP @ 768 kbps 4 IP @ T1/E1
Audio	Networks Supported	Total Number of Ports
Polycom <i>VoicePlus</i> 24	PSTN	Up to: 23 PSTN/64 Kbps @ T1 24 PSTN/64 Kbps @ E1
Polycom <i>VoicePlus</i> 48	PSTN	Up to: 46 PSTN/64 kbps @ T1 48 PSTN/64 kbps @ E1

The MGC-25 – a compact, ready-to-go, voice, video, gateway, and unified conferencing system

The MGC-25 was designed specifically as a plug- and-play, multipoint conferencing system so organizations large or small can get their conferencing network up and running in no time.

For quick installation, the MGC-25 has an easy-to-use LCD and keypad located on the front of the system for simple IP address assignment. To configure the MGC-25, end users use a self-guided interface that takes them through as little as one or two configuration screens.

The installation process can be completed in two steps:

- 1) Enter an IP address of the MGC-25 from the LCD and keypad on the front of the system.
- 2) Connect to the self-guided wizard and configure your system.

Now you have completed installation and you are ready to start conferencing.

MGC 25 industry-leading features

- **A Single number per conference** – Now with one number for your video and audio conferences, it is easy to conference from anywhere, at anytime.
- **Interactive keypad control (IVR/DTMF) for both voice and videoconferencing** – Users have the same IVR/DTMF controls for audio and video conferencing, creating the same unified experience. Now, in one conference, audio and video participants can have the same set of controls such as password-protected conferencing, voting and polling, roll call, and Q&A sessions.
- **Audio transcoding** – Included with all MGC-25 configurations, customers can enjoy improved audio quality.
- **IP QoS support** – The MGC-25 provides high-quality IP conferencing with Packet Commander II. This includes the synchronization of IP packets for video and voice calls, dynamic jitter buffer which minimizes “lip sync,” and error resilience technology. Also provided are standard IP QoS offerings, such as IP Precedence and IP DiffServ.
- **Advanced Continuous Presence** – the MGC-25 is the only work group solution in the industry to offer high quality, advanced continuous presence with visual effects that include site naming, customized borders and speaker indications. Polycom’s unique visual effects make continuous presence a more productive tool and make multipoint video conferences more like face-to-face meetings.
- **Click&View** – the MGC-25 is the only work group conferencing solution to offer an easy-to-use, end user management interface that only requires the remote control for your video conferencing system. Using a remote control and IVR/DTMF tones, end users can access Click&View, the easy-to-use GUI, and be guided through their multipoint video conference. The Click&View GUI is generated by the MGC, so anyone connecting to the MGC can see it regardless of their endpoint.
- **Industry Leading Transcoding** – simultaneously with continuous presence or in voice activated conference, the MGC-25 can provide optimal connectivity for video conferencing sites connecting at different network speeds, frame rates, resolutions and audio and video algorithms.
- **Software IP Continuous Presence** – Included with all MGC-25 IP configurations, users can choose from two different layouts: side-by-side or two-way and a quad layout, change the layouts on the fly, set windows to be voice activated or fixed, and have high-quality video at up to 30 fps.

The MGC-25 provides a complete set of management and scheduling tools

Included with every MGC-25 configuration is a license of MGC Manager – a comprehensive, client-based scheduling and management package. In addition to MGC Manager, the MGC-25 can support Web-based management and scheduling with Polycom WebCommander™, and scheduling through Microsoft® Outlook®. All of the scheduling and management solutions used with the MGC- 25 are the same software applications used with the MGC-50 and MGC-100 platforms. Therefore, networks needing a range of platform solutions – MGC-50, MGC-100 or MGC-25 – can use a single software application to manage the entire MGC network.

Flexible conferencing

For flexibility, the MGC-25 provides simultaneous ad hoc conferencing and scheduled conferencing. For example, this enables organizations to schedule company-wide conference calls to launch new products and have spontaneous conference calls to communicate late-breaking news.

If you thought that a conferencing solution was out of reach for your organization, take a look at Polycom’s MGC-25. Compact, cost-effective, and easy to use, the MGC-25 is everything you’ve been waiting for, and more.

