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DATA SHEET

Polycom® EagleEye™ Director

The most intelligent camera in Unified Communications and Collaboration delivers breakthrough HD RealPresence® experience

The Polycom® EagleEye™ Director changes the face of group video communications by enabling close-up views of every speaker in a video conference, regardless of their location or the number of people in the room. With fully automated camera pan, tilt, and zoom motions, the EagleEye Director resolves the common problem in video conferencing of seeing all participants during a meeting, but not being able to see facial expressions of the person talking. Now, by highlighting, zooming in, and framing active speakers, everyone can clearly see critical facial expressions and read the subtle body language which enables deeper engagement and more effective meetings.

Leveraging patented technology, including voice triangulation, face finding, and an innovative dual-camera configuration, the EagleEye Director delivers breakthrough affordability in personalizing the telepresence experience for every group conference and enables richer communication and more productive meetings. With meeting participants no longer needing to worry about staying in the camera view or interrupting the flow of conversation to handle the remote control, they can spend 100% of their time in meetings focusing on the bigger issue—their business.

Innovative technology delivers unmatched value

With powerful processing technology on board, the EagleEye Director ships ready to be used in conjunction with any of the Polycom® HDX® or Polycom® RealPresence® Group series room telepresence systems and is simple to set up through a single cable connection. An array of seven microphones in the base of the unit allows the EagleEye Director to precisely locate voices in a variety of room shapes and sizes, making it the ideal solution for large conference rooms, class rooms, or board rooms.

Locate, recognize, frame, display

Beyond advancing the technology, Polycom leveraged deep human factor expertise to optimize EagleEye Director behavior. Once the voice has been located, the EagleEye Director executes facial detection algorithms to determine if the user is speaking to other users in the room or to meeting participants at the far end. The camera will then automatically 'zoom in' and position the speaker in the optimal proportion and location in the viewing window. This multi-step process helps ensure that far-end participants always enjoy a high-impact, immersive experience.

A wide-panning radius of the cameras gives users the flexibility to move freely about the room with the confidence that the EagleEye Director will always keep them clearly in view. This is ideal for classrooms and other environments where room layouts may be more challenging.



Benefits

- Makes your meetings more productive by automatically locating active speakers and through simultaneous voice triangulation and face-finding accurately crops their image on to the display
- Makes training more engaging for better retention of information, speeds user adoption, and delivers faster ROI through maximum ease of use and heightened meeting interaction
- Installs quickly and easily to any Polycom HDX or RealPresence Group series room telepresence system with a single camera-to codec connection
- Flexible viewing capability utilizing both cameras with a direct-cut going from speaker to speaker or the preset room view allowing for users to see the whole room before framing the active speaker

Product specifications

Package includes

- EagleEye Director base, power supply and necessary cables
 - 2200-82559-xxx
- EagleEye Director base, power supply, necessary cables and one EagleEye III camera
 - 7200-82631-xxx
- EagleEye Director base, power supply, necessary cables and two EagleEye III cameras
 - 7200-82632-xxx

Compatible cameras

- (2) EagleEye™ II
- (1) EagleEye™ II & (1) EagleEye™ III
- (2) EagleEye™ III

Compatible Polycom video systems

- HDX 9000, 8000, 7000 and 6000 Series
- RealPresence Group 700, 500 and 300 Series

Recommended room size

- Participants should be within 25 feet (7.62m) of EagleEye Director
- Performance may vary in different room configurations

Modes

- Room view between speakers
- Direct-cut between speakers*

Connections

- 1 HDCI out to video system
- USB for diagnostics & local upgrades
- Stereo phoenix connector for remote audioprocessing

Physical characteristics

- Base box with vertical array 19.2" x 25.3" x 5.6" (H x W x D)

Electrical

- Auto sensing power supply
- Typical operating voltage/power
 - 60VA @ 120V @ 50Hz @ .49 PF
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 - 74VA @ 200V @ 50Hz @ .40 PF
 - 73VA @ 200V @ 60Hz @ .40 PF
 - 87VA @ 260V @ 50Hz @ .34 PF
 - 86VA @ 260V @ 60Hz @ .36 PF

*RealPresence Group Series with 4.1.3 or higher



Traditional conference



Improved experience with EagleEye Director



Front view



Rear view



Side view



Attaching cameras

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About Polycom

Polycom is the global leader in open standards-based unified communications and collaboration (UC&C) solutions for voice and video collaboration, trusted by more than 415,000 customers around the world. Polycom solutions are powered by the Polycom® RealPresence® Platform, comprehensive software infrastructure and rich APIs that interoperate with the broadest set of communication, business, mobile and cloud applications and devices to deliver secure face-to-face video collaboration in any environment.

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