



DATA SHEET

Polycom® EagleEye™ Series Cameras

High definition video imaging

Polycom® EagleEye™ cameras provide the ultimate experience to optimize video collaboration. EagleEye™ IV and EagleEye™ Acoustic cameras are designed to meet your varying environments and applications in conjunction with Polycom® RealPresence® Group Series video systems. From huddle rooms, to desktops, classrooms to customized board rooms, Polycom EagleEye cameras deliver best in class video quality to all participants.

All Polycom EagleEye cameras offer the following features:

- High definition video transmission
- Clear, crisp natural colors from precisely tuned optics
- Quick, fluid movements with sharp focus
- Camera power supplied by Polycom RealPresence Group Series video system eliminating the need for a power supply

Multiple camera options to meet your needs

EagleEye IV

The Polycom EagleEye IV 4x and 12x cameras have a completely digital camera sensor to capture incredible detail for more natural communication. With a wide field of view, these cameras are flexible enough to use in any room environment, from a small huddle room to a large boardroom. With the optional Polycom EagleEye Digital Extender, the cameras can be mounted up to 330 feet away from the video system, providing you the flexibility to move the camera where you need it. Combine the EagleEye IV camera with EagleEye Producer or EagleEye Director for an automated camera experience.

EagleEye Acoustic

The Polycom EagleEye Acoustic camera is an optimal solution for a smaller environment. With built-in microphones and small footprint, this camera will easily blend into an executive office or huddle room.





Polycom EagleEye IV 12x Camera (silver)



Polycom EagleEye IV 4x Camera (black)



Polycom EagleEye Acoustic Camera

	EagleEye IV 	EagleEye Acoustic 
Camera type	1/2.33" CMOS	1/2.7" CMOS
H/V resolution	1920 x 1080	1920 x 1080
Output	SMPTE 296M 1280 x 720p60, SMPTE 274M 1920 x 1080p, 60/50	SMPTE 274M 1920 x 1080p, 30/25
Lens focal length	f=3.76–37.6 mm	f=4.37 mm
Lens F#	1.2	2.0
Zoom	4x optical (black), 10x/12x (silver) optical/digital	2x digital
Focus	Auto	Auto
Horizontal field of view	65°, 85° with wide angle adaptor	67°
Vertical field of view	39°	39°
Min. illumination	50 lux	50 lux (F2.0)/50 IRE
Exposure	Auto-iris, AGC	AGC
SNR	50 dB	50 dB
Pan range	+/-100°	+/-24°
Tilt range	+20/-30°	+/-14°
I/O	Mini-HDCI— Hirose DH60-37P	HDCI, 60 pin (incl: power, Comm, IR, HDMI, audio)
IR detectors	•	•
Power consumption	12 v @ <1.2A power	200 mA @ 12V DC
Dimensions (W x H x D)	218 x 138 x 118 mm	45.4 x 43 x 111 mm
Built-in-microphones		•
Video system compatibility	RealPresence Group Series	RealPresence Group Series
Room size	Small, medium, large	Small

* All camera data is subject to change without notice and performance may vary based upon environmental conditions.

Automated camera options

EagleEye Producer Kit—Utilizing the latest in facial recognition technology, the system continually scans the room and seamlessly commands the MPTZ camera to appropriately frame the users. This intelligent method of dynamic framing greatly improves the user experience and solves the common problem of wide angle shots that fail to immerse participants in a meeting. EagleEye Producer enables you to see true expressions and vital non-verbal communications for more naturally effective meetings.

EagleEye IV or EagleEye III kits are available. The EagleEye Producer mounting kit uses the Universal Camera mount to mount the EagleEye Producer and the EagleEye camera on the wall, display or tripod.

EagleEye Director Kit—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. 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.

Compatible with EagleEye III cameras and Polycom camera mounting solutions

Available accessories

Wide angle lens—extends the field of view for EagleEye IV to 85°

Cables—The EagleEye IV camera uses a mini-HDCI to HDCI cable which comes in a variety of different sizes to meet your needs:

- 300mm (2457-64356-030)
- 457mm (2457-64356-018)
- 1m (2457-64356-100)
- 3m (2457-64356-001)
- 10m (2457-64356-101)

EagleEye Digital Extender—allows EagleEye IV or EagleEye Acoustic, sans audio, to be mounted 330 feet away with a Cat6a cable to extend the video, control and power from the source to the destination.

Digital Breakout Adapter—breaks out the EagleEye IV or EagleEye Acoustic to HDMI type connector and DB9 connector. One version at the camera also provides power to the camera. At the codec the Digital Breakout Adapter connects to an available HDCI input.

Universal Mounting Shelf—supports the EagleEye IV cameras. Provides necessary parts to mount the EagleEye IV on the wall, a tripod or a display.

Codec Shelf Mounting Kit—allows the RealPresence Group Series 300, 310 or 500 and EagleEye™ IV camera to be mounted together in conjunction with the Universal Mounting Shelf.

Privacy Cover—For added security, the privacy cover for either the EagleEye IV or the EagleEye III secures to the camera allowing you to open and close the cover as needed.

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About Polycom

Polycom helps organizations unleash the power of human collaboration. More than 400,000 companies and institutions worldwide defy distance with video, voice and content solutions from Polycom. Polycom and its global partner ecosystem provide flexible collaboration solutions for any environment that deliver the best user experience and unmatched investment protection.

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