

Integrating RealPresence Group Series with Polycom EagleEye Cube HDCI

The Polycom EagleEye Cube is an HDCI camera designed to work with RealPresence Group Series systems.

The EagleEye Cube HDCI camera has 1080p 60Hz video transmission, focus distance of 0.5 to 6 meters as fixed focus and 5x digital zoom with pan and tilt capabilities suitable for small and medium meeting spaces. You can use the remote control or the RealPresence Group Series system web interface to configure the EagleEye Cube HDCI camera.

Position the EagleEye Cube HDCI Camera

Set the EagleEye Cube HDCI camera so the line of sight hits in the middle of the room (or wherever it needs to go).

- Make sure the EagleEye Cube HDCI camera is on a mounting bracket.
The camera's viewing angle is approximately 37 degrees above and 37 degrees below its direct line of sight.
- For the optimal performance of the camera system faces detection feature, ensure ample lighting on face of participants and minimal backlighting.

LED Indicators

LED indicators display when you power on the EagleEye Cube HDCI camera and indicate system behaviors.

Polycom EagleEye Cube LED Indicators and Status

LED Indicator	LED Position	System Status
Blinking Amber	All	Updating camera firmware
Amber	Center	Standby/Asleep
White	Alternate	Booting up camera
Red	Center	Microphone muted
White	One LED (position depends on the speaker)	System isn't in a call and active speaker tracking is on

Configure Camera Settings

You can configure Polycom EagleEye Cube HDCI settings using a RealPresence Group Series system.

Procedure

1. In the system web interface of the RealPresence Group Series system, go to **Admin Settings > Audio/Video > Video Inputs > General Camera Settings**.
2. Select the input the Polycom EagleEye Cube camera uses.

Camera Tracking

The Polycom EagleEye Cube HDCI camera detects the people in the room and provides group framing during a conference. EagleEye Cube HDCI detects the people in the room and sets up group framing. You can set the tracking mode and speed, and specify the type of group framing, which enables automatic tracking of group participants in the room.

Change Camera Tracking Settings

You can change camera tracking settings in the system web interface.

1. In the RealPresence Group Series system web interface, go to **Admin Settings > Audio/Video > Video Inputs > General Camera Settings**, select the input used by the Polycom EagleEye Cube HDCI.

Settings	Description
Tracking Mode	<p>Specifies the tracking mode:</p> <p>Frame Speaker- This is the default setting. During a conference, this mode frames the active speaker, then when someone else starts speaking, the camera view changes to frame the new speaker. Note that when the tracking mode is set to Frame Speaker and the local microphone is muted, the camera tracking mode automatically switches to Frame Group.</p> <p>Frame Group- Enables automatic tracking and framing of the group participants in the room without displaying the camera motion between frames.</p> <p>Off - Disables automatic tracking. All camera control must be handled manually.</p>
Tracking Speed	<p>Specifies the tracking speed:</p> <p>Slow- Detects meeting participants at a slow speed rate.</p> <p>Normal- This is the default tracking speed. Detects meeting participants at a normal speed rate.</p> <p>Fast- Detects meeting participants at a fast speed rate.</p>
Framing Size	<p>Specifies the framing view:</p> <p>Wide- Establishes a wide view of meeting participants.</p> <p>Medium- This is the default group framing view. Establishes a medium view of meeting</p> <p>Tight- Establishes a close-up view of meeting participants.</p>

Enable Camera Tracking

You can enable EagleEye Cube HDCI camera tracking in the local interface.

Procedure

1. In the local interface of the RealPresence Group Series system, go to **Camera** .
2. Select **Camera Tracking On**.

Disable Camera Tracking

You can disable camera tracking in the local interface.

Procedure

1. In the local interface of the RealPresence Group Series system, go to **Camera**.
2. Select **Camera Tracking Off**.

Participant Count CDR Details

When used with a RealPresence Group Series system and an EagleEye Cube HDCI camera, the camera system tracks the number of conference participants in a room. Call information is collected in a Polycom RealPresence Resource Manager Call Detail Report (CDR) and provides detailed data to system administrators.

Note: To get the most accurate result of participant count data, the number of participants in a single room should be 10 people or less.

Participant Count

Participant	Description
People Minutes	The total people count for each minute of the call. For example, If there are five people in a sixty minute meeting and five additional people join at 10 minutes after the start of the meeting, the total People Minutes will be 550. $(5*60) + (5*50)$.
People Count (call begin)	Number of people on the call during the first minute of the call, tracked with EagleEye Cube HDCI camera system.
People Count (peak value)	Peak number of people participating in the call, tracked with the EagleEye Cube HDCI camera system.
People Count (call end)	Number of people participating on the call during the last minute of the call, tracked with the EagleEye Cube HDCI camera system.

EagleEye Cube HDCI Camera Software Updates

Updates to the EagleEye Cube HDCI software are included with the RealPresence Group Series system software updates. No license number or key is needed to update the camera software. Software for an EagleEye Cube HDCI camera is automatically updated when connected with the RealPresence Group Series system.

Procedure

- » Connect the EagleEye Cube HDCI to the system.

The system detects the EagleEye Cube HDCI and updates it, if necessary.

Note: When the EagleEye Cube HDCI software update version is higher or equal to the RealPresence Group Series system software, software update can't be performed.

Factory Restore the EagleEye Cube HDCI

If the EagleEye Cube HDCI camera isn't functioning correctly or you need to recover from a corrupted partition, you can use the restore button to reset the device.

This operation completely erases the camera's settings and reinstalls the software. Keep the EagleEye Cube powered on during the factory restore process.

Procedure

1. Connect the EagleEye Cube HDCI cable to the RealPresence Group Series system to power on.
2. Insert a straightened paper clip through the pinhole and press and hold the restore button for 5 seconds.
3. Release the restore button when the LED indicators alternate amber.

The camera enters factory restore mode. The factory restore takes approximately 2 to 3 minutes to complete. The camera automatically powers off and back on when the process is complete.