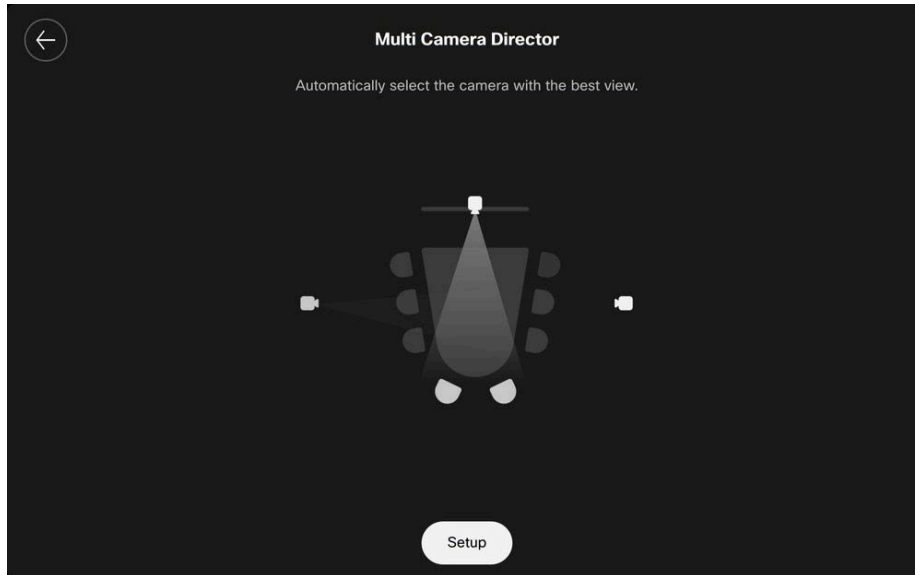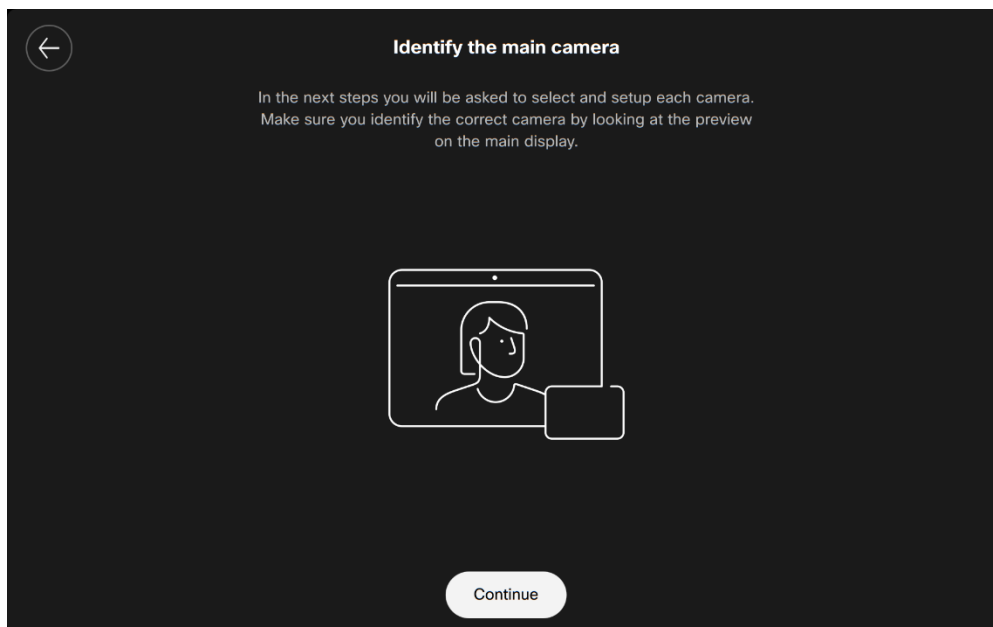# Multi camera director setup

Once the hardware is installed, you can start the software setup in the **Device settings** by toggling on **Multi Camera Director** on the Room Navigator and follow the setup wizard.
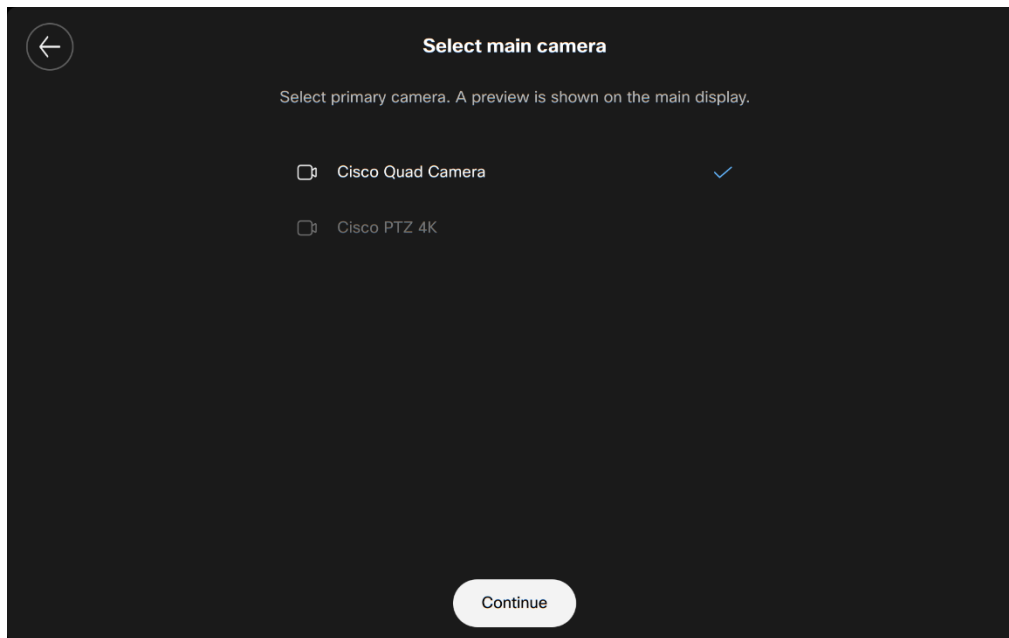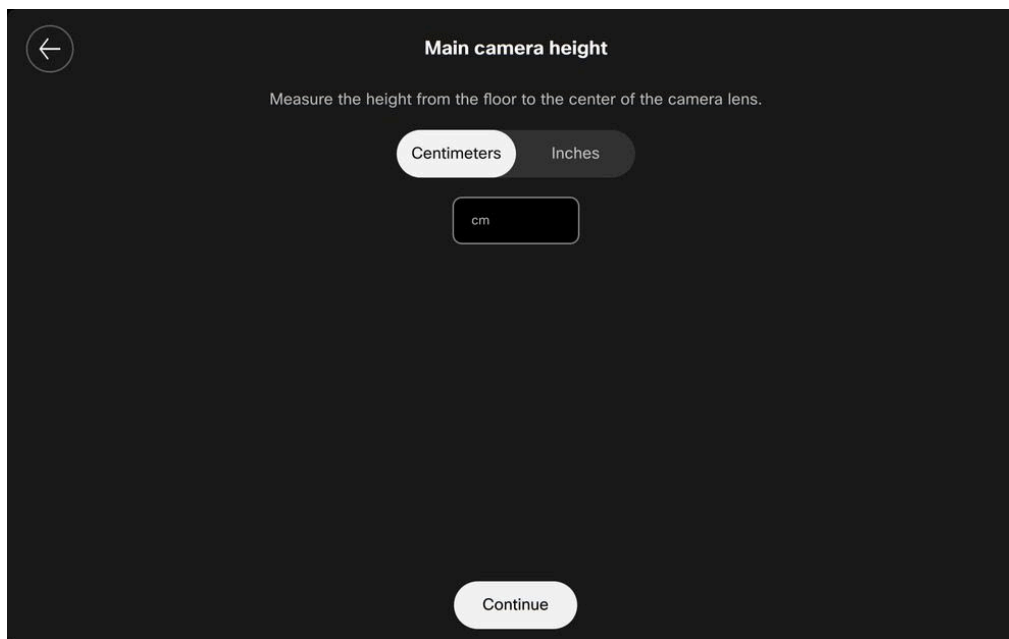

1. Add Each Camera

First, identify the main camera by looking at the preview on the main screen.

Select the main camera and press continue.

You will be prompted to measure the camera height from the floor to the center of the camera lens and enter it within the wizard either in centimeters or inches. This will be asked for all three cameras.
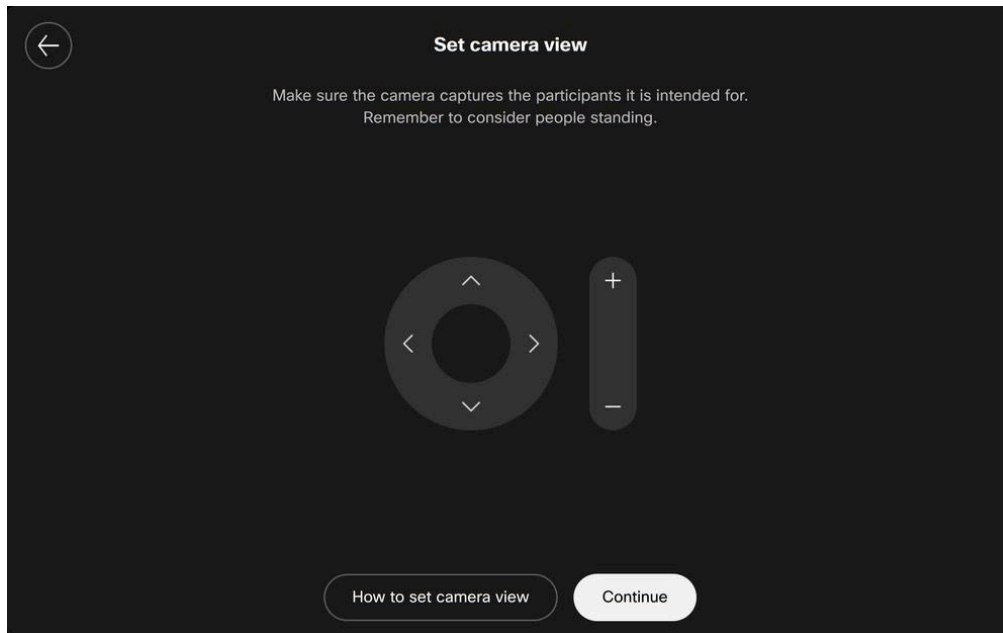

2. Set camera view

In the next step, you will adjust the camera view to ensure it captures the intended participants. Use the camera's functionality to zoom in and out, ensuring that the camera
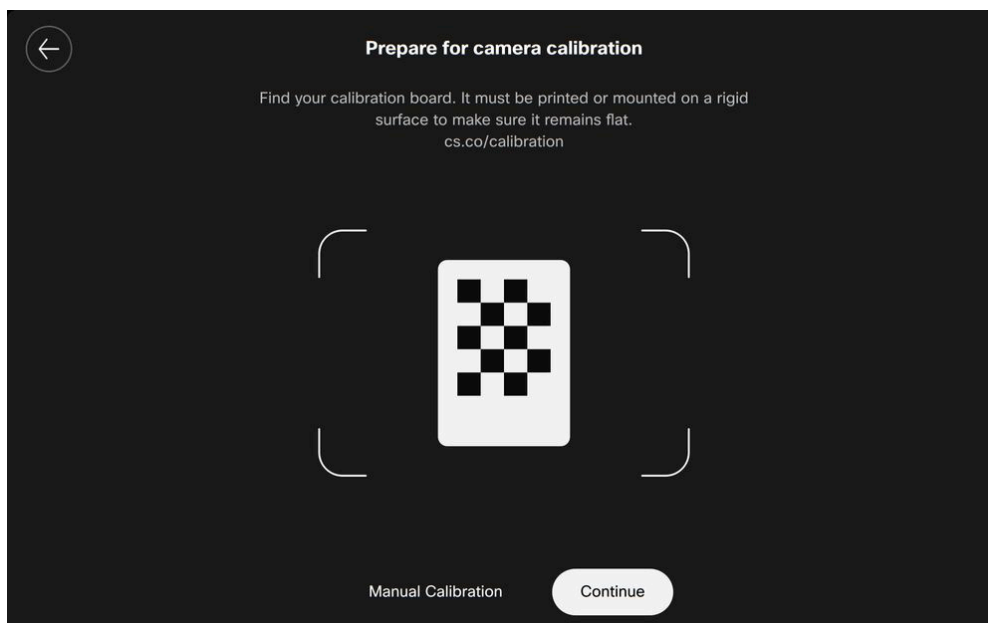
accurately captures all seats. Simply follow the prompts and instructions within the wizard interface to adjust the camera settings accordingly.
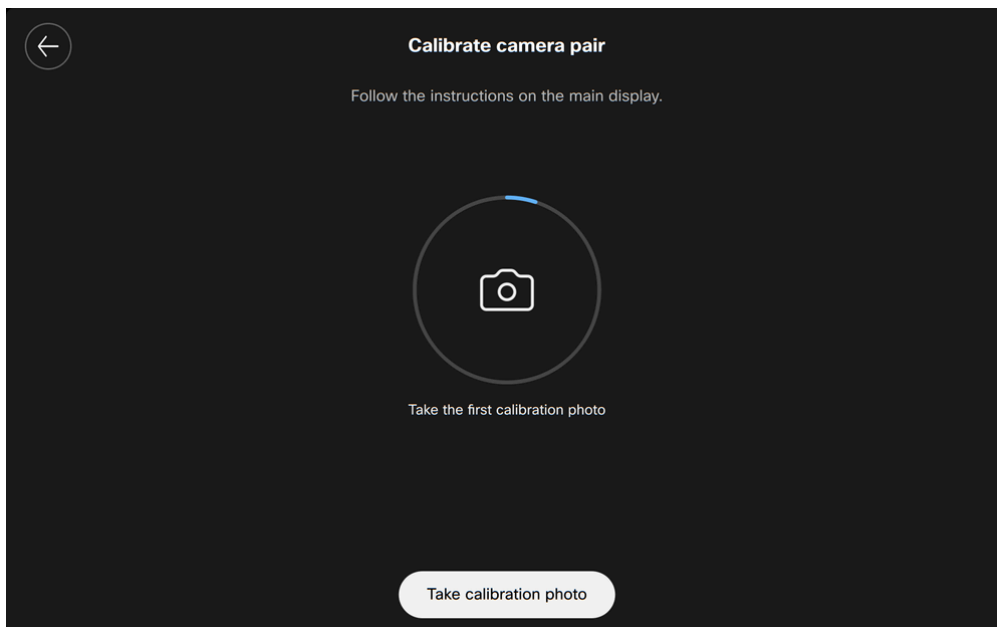

3. Calibrate the Camera
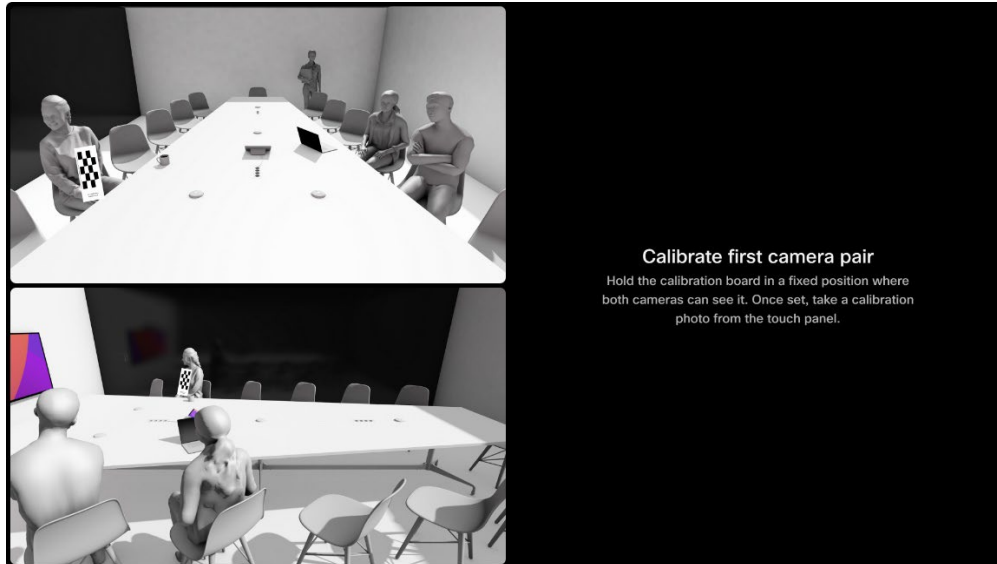
After adding the cameras, you will need to use a calibration board to calibrate their positions. The calibration board can be found at cs.co/calibration. Please print the provided calibration board on A4 or larger rigid material, such as foam board.
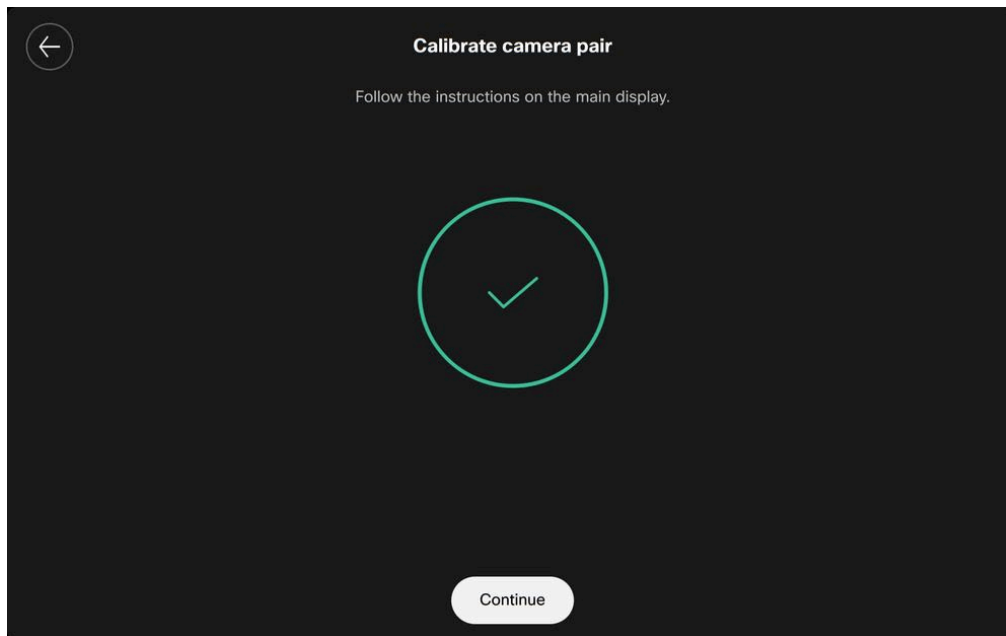

4. Finalize Calibration

Each side camera must be calibrated with the main camera. You will be guided through taking five photos with the calibration board using the touch panel for each side camera. To calibrate the left camera, take 5 pictures from the right side of the meeting table, where the left camera is supposed to switch and capture. Then, repeat this process for the right camera.

When the camera calibration is finished, you will see the following message on the wizard, indicating that the system is ready for use.
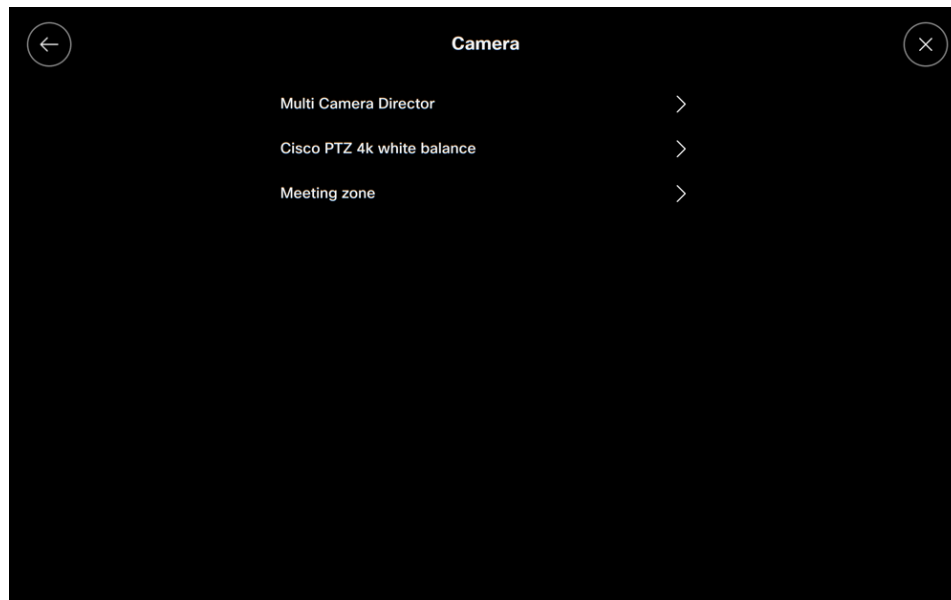
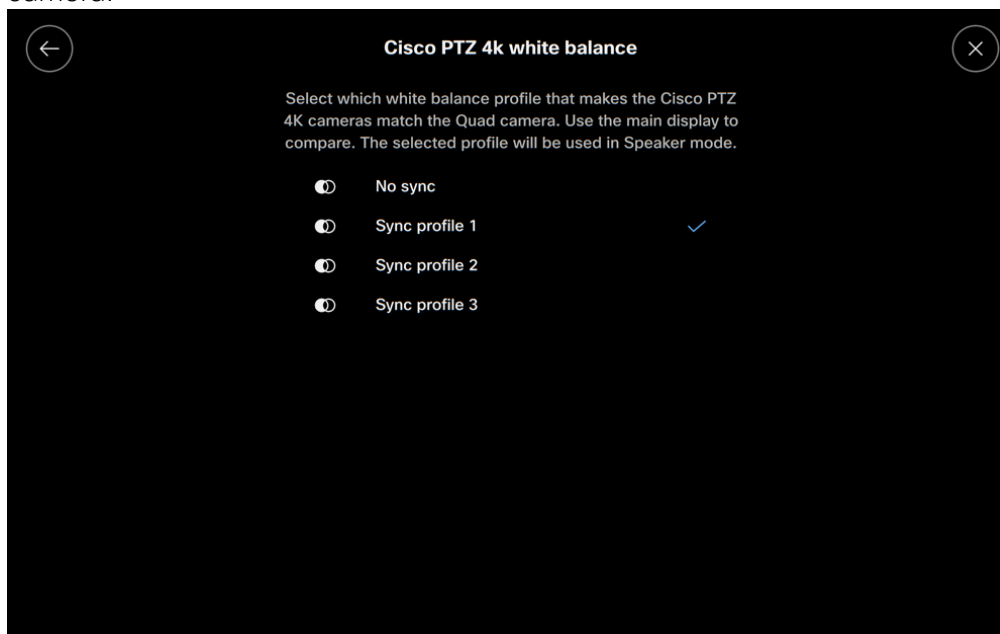D15533.04

White balance calibration for Cisco PTZ 4K

Customers using Multi Camera setups may observe color discrepancies between their cameras, such as the main and two side cameras. This new feature aims to enable users to configure a white balance profile tailored to their specific setup. The enhancement is designed for multi-camera environments to ensure consistent white balance across all cameras in a room, providing a seamless and uniform image regardless of the camera in use.

This enhanced feature is available for the cross-view/extended reach speaker mode setup.

1. In the Device settings menu, navigate to **Camera** and select **Cisco PTZ 4K white balance.**

2. Select the white balance profile that makes the Cisco PTZ 4K cameras match the Quad camera.

Three white balance profiles have been added for customers to select based on their preferences. These profiles enable PTZ-4K cameras to match with the Quad camera. Users should visually compare the profiles on the main screen to determine which ones are the closest match.