

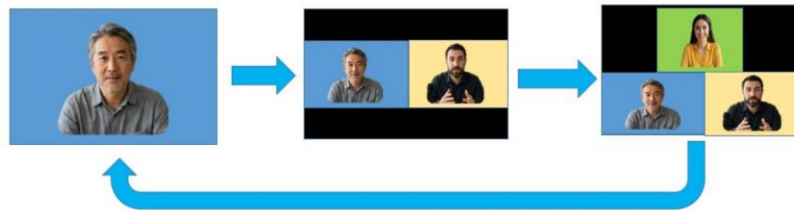
CamConnect Conversation Mode Setting Guide

1. Introduction

1.1 What is Conversation Mode?

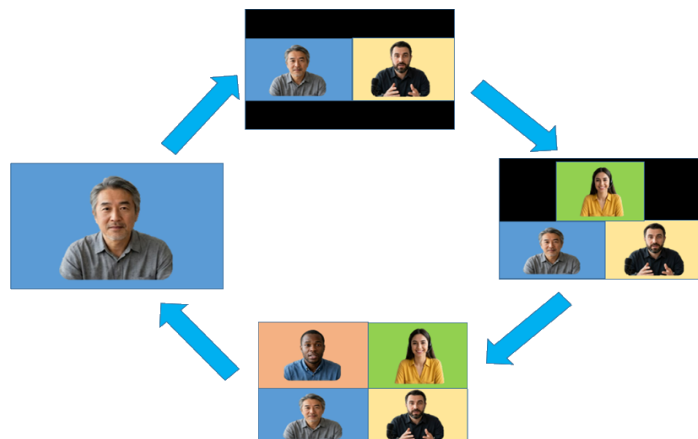
When multiple speakers take turns speaking during a conversation, Conversation Mode provides smoother and more natural switching between split-screen layouts.

- **Supported layouts:** Single view, PBP, 3-split, and up to 4-split view.



1.2 Conversation Layout with FIFO (First In First Out) Rules

- The system starts with a single-view layout.
- When multiple participants begin speaking, the layout automatically switches to PBP.
- As more speakers join the conversation, the system expands to 3-split or 4-split layout.
- If only one participant continues speaking, the layout eventually returns to single view.
- When no one is speaking, the system can return to the assigned camera view or preset position.



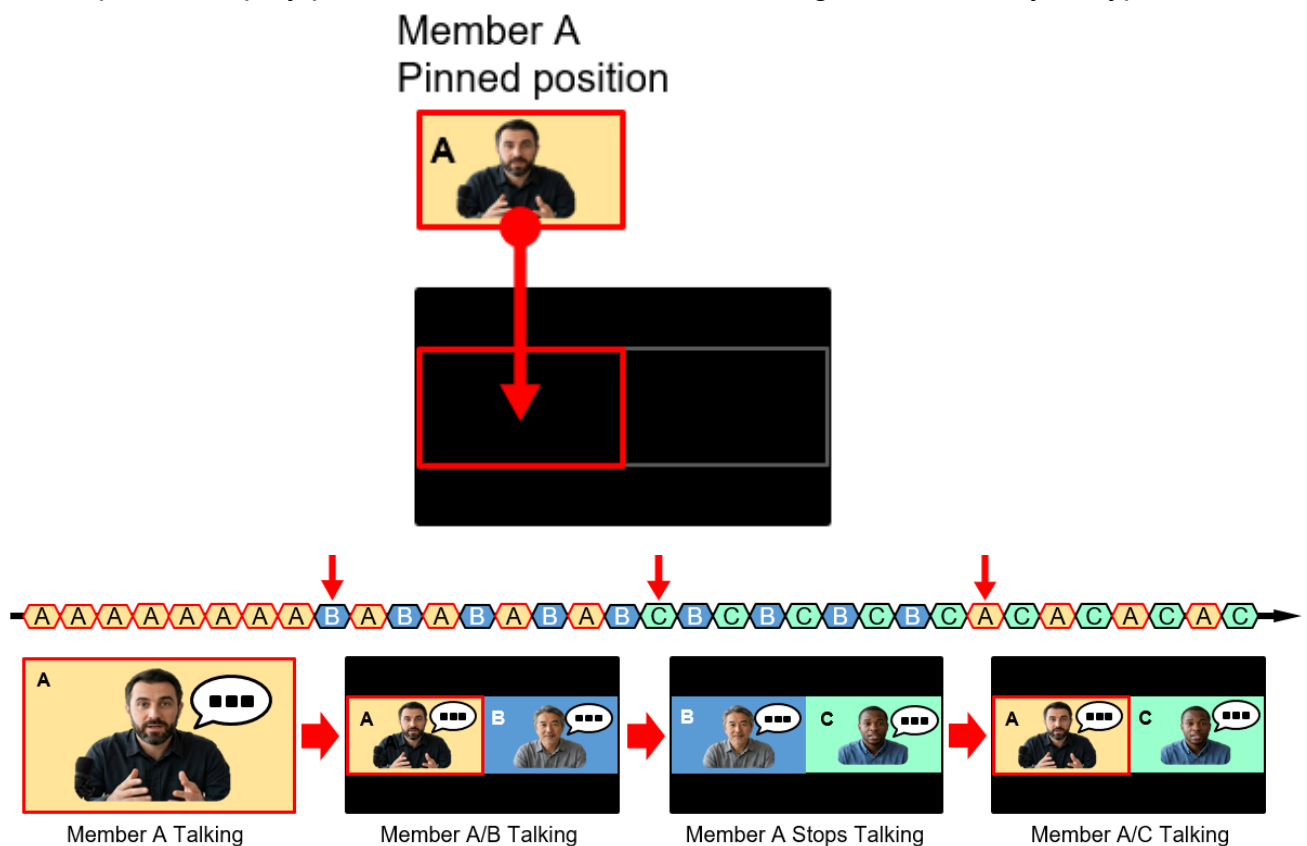
1.3 Advanced Conversation Mode

Conversation Mode provides the following operating modes:

Conversation Mode	Scenario	Description
Standard	Multiple speakers take turns speaking during the conversation.	Supports 2-, 3-, and 4-window layouts with automatic speaker switching (FIFO).
Advanced - Pinned Position	Speakers in a specific microphone zone need display priority.	Assigns one microphone zone to a fixed position in the split-screen layout.
Advanced - Chairman	The Chairman or Host must remain tracked and visible in the split-screen layout.	Assigns one camera to a fixed position in the split-screen layout.

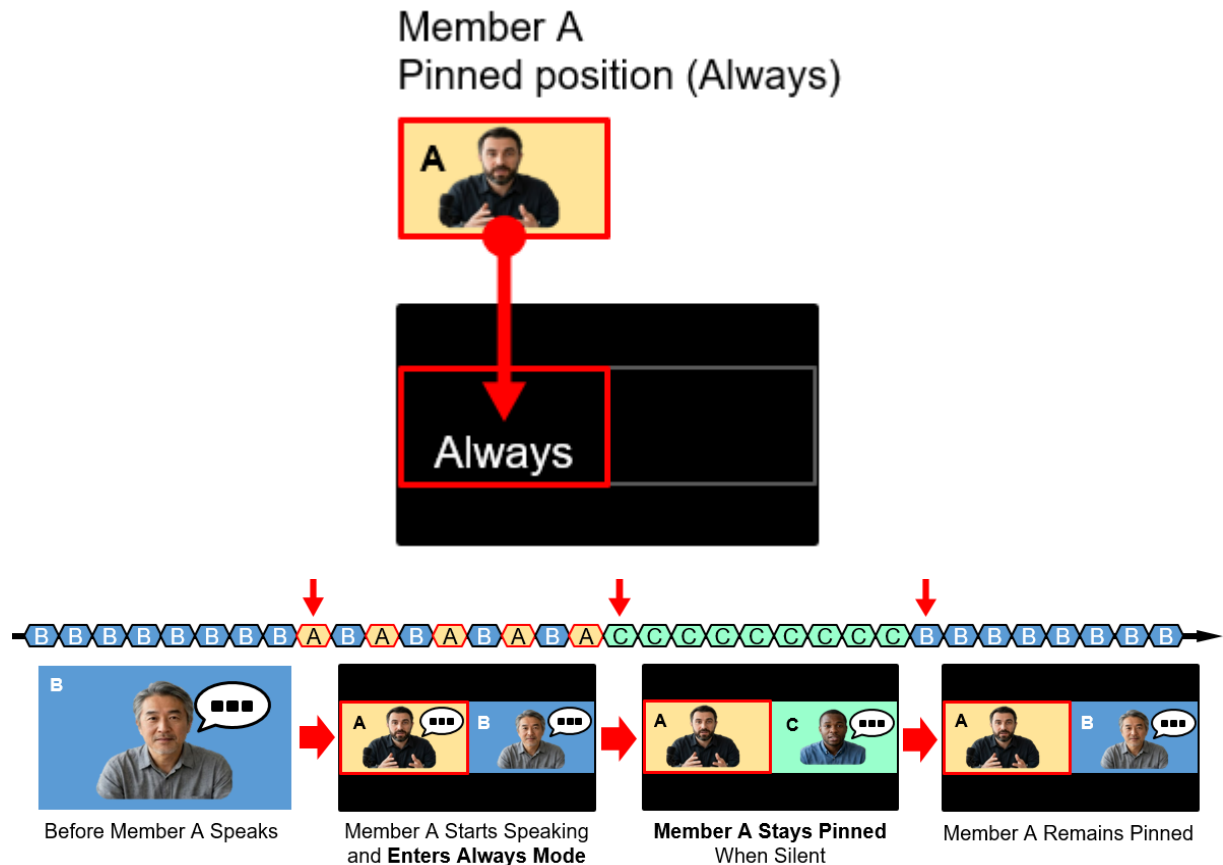
1.4 Advanced - Pinned Position

- A specific microphone zone can be assigned as a pinned position that appears with higher priority in the output layout.
- For example, Member A's position can be set as the pinned display position.
- If Member A stops speaking for a period of time, the pinned view may be replaced by another active speaker.
- When Member A starts speaking again, the view returns to the pinned position with higher priority.
- The pinned display position for Member A must be assigned in each layout type.



1.5 Pinned Position (Always) Setting

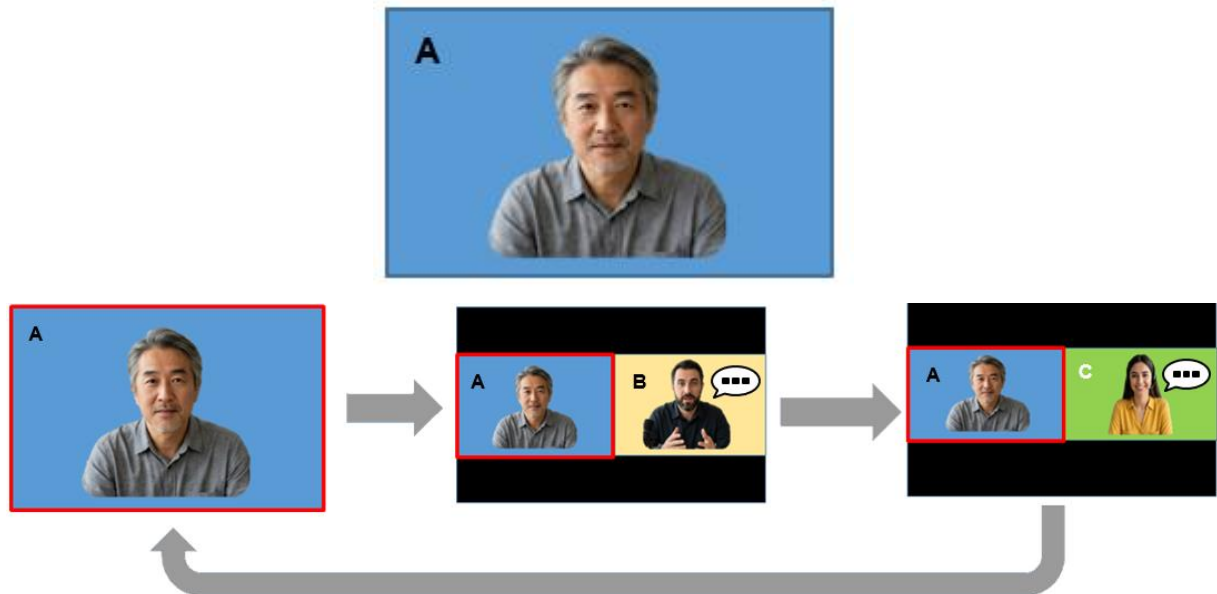
- In Pinned Position Always mode, a selected microphone zone can be assigned as the priority display position.
- For example, Member A's position is set as the pinned position.
- Once Member A starts speaking, Member A appears in the output layout.
- After Member A appears, Member A remains visible in the layout even when not speaking.
- The pinned display position for Member A must be assigned for each layout type.



1.6 Advanced - Chairman Mode

- A dedicated camera is assigned to continuously capture the chairperson's seat.
- In this mode, the chairperson's view remains visible in the output layout.
- The chairperson's position can be assigned in different split-screen layouts.
- In lecture hall applications, this mode can also keep the presenter visible in the output layout. Camera auto-tracking can be enabled when needed.

Dedicated Chairperson Camera View



2. What You Need

■ CamConnect ×1

- FW: V1.16.19 or above

■ Lumens VC camera ×2–4 units

■ Network Connection

- All devices must be connected to the same LAN.

3. Conversation Mode Settings

3.1 Auto Mode Settings

Step 1: Enable Conversation Mode

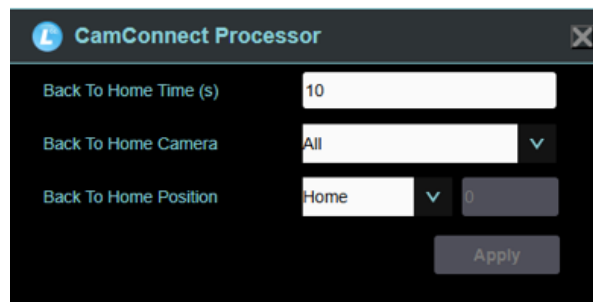
- Go to [Conversation mode] and enable Conversation mode.

Step 2: Configure [Return to Home After Trigger]

- If there is no audio input, the camera moves to its home position after the set time plus the Back to Home time. The behavior follows the Back to Home setting.

Step 3: Configure [Single View Switch Time]

→ After entering Conversation mode, this setting determines how long the camera waits before returning to Single View mode.



3.2 Advanced Settings

Go to [Conversation mode], enable Conversation mode, enable [Custom Switching Rules], and select [Apply] after completing the settings.

- **Basic Settings:** Same as Auto mode.
- **Decision Time:** After the camera source switches the specified number of times within this period, CamConnect shows a PBP, 3-Way Split, or 4-Way Split image.
- **Trigger Count:** The default is 2 times, meaning the camera must switch back and forth twice (for example, A-B-A-B) before entering Conversation Mode.
- To use 3-Way or 4-Way Split view, enable the corresponding option.

Conversation Mode

Auto Advanced

Switching Condition Settings

Basic Settings

Return to Home After No Trigger (s) 30

Single View Switch Time (s) 30

Custom Switching Rules ☒

PBP

Decision Time (s) 30 seconds Trigger Count 2 times

3-Way Split

Decision Time (s) 30 seconds Trigger Count 2 times

4-Way Split

Decision Time (s) 30 seconds Trigger Count 2 times

☒ Enable 3-Way Split Rule

☒ Enable 4-Way Split Rule

Pin Position ☐

Apply Cancel Reset

3.3 Pin Settings

Go to [Conversation mode], enable Conversation mode, enable [Pin Position], and select [Apply] after completing the settings.

- **Microphone:** Select the microphone mapped to the array to be pinned.
- **Pinned Array No.:** Select the array to pin.
- **PBP position:** Select where the pinned array is displayed in PBP.
- **3-Way and 4-Way Split Position:** Select where the pinned array is displayed in 3-Way and 4-Way Split.
- **Always Show Pinned Zone:** Keeps the pinned array visible in the output image.
- **Chairman:** Keeps the selected camera image visible in the output image.

Pin Position ☒ ⓘ

Microphone: 1. Shure:MXA310 ▼

Pinned Array No.: 1 ▼

PBP Position: Left ▼

3-Way Split Position: Top ▼

4-Way Split Position: Top Left ▼

☐ Always Show Pinned Zone ⓘ ☐ Chairman

Apply Cancel Reset

※ Chairman and Always Show Pinned Zone cannot be enabled at the same time.

Pin Position ☒ ⓘ

Microphone: 1. Sennheiser:TCC... ▼

Video Source: VC-TR60A (192.168....) ▼

Pinned Zone No.: 1 ▼

PBP Position: Left ▼

3-Way Split Position: Top ▼

4-Way Split Position: Top Left ▼

☐ Always Show Pinned Zone ⓘ ☒ Chairman

Apply Cancel Reset

4. The Limitations of Conversation Mode

- Chairman and Always Show Pinned Zone cannot be enabled at the same time.
- To enter 4-split view, the system must first enter PBP mode. It then recalculates the switch count to transition to 3-split view and recalculates the count once more before entering 4-split view.
- If it is difficult to enter Conversation mode, adjust either of the following parameters:
 - Decrease Trigger Count to 1 time, so Conversation mode can be entered after a switch such as A-B.
 - Increase Decision Time to provide a longer period for detecting camera-source switching, for example 50 seconds.