

MoviePro^(MultiCam Feature)

User Manual |v7.2



Updated Jun 22, 2022

Email: support@moviepro.app



Table of Contents

1. About MultiCam Feature	2
2. Setting Up MultiCam.....	2
2.1 Selecting MultiCam Option	2
2.1.1 Scenario 1: You installed MoviePro for the First Time	2
2.1.2 Scenario 2: You updated to MoviePro version 7.1(or later) from the previous version of MoviePro.....	3
2.2 Adding MultiCam Preset.....	3
2.3 Selecting cameras	6
2.4 Select Recording Format.....	7
2.5 Quitting MultiCam Mode.....	8
3. MultiCam Controls	8
3.1 Switching Cameras.....	8
3.2 Moving/Resizing PIP window.....	9
3.3 Disabling Secondary Camera	9
3.4 Manual Controls, Zoom, White Balance	10



1. About MultiCam Feature

The Multi-Camera recording option in MoviePro version 7.1 (and above) allows users to simultaneously record two camera streams at the same time. It is only available on select iOS devices that include Apple A12/A12X bionic chip (or later). As of today, the following devices support this feature

- iPhone 11 & iPhone 11 Pro
- iPhone XS & iPhone XS Max
- iPhone XR
- iPad Pro (3rd Generation or later)

MoviePro allows you to select any two of the available cameras on the device. For example, on iPhone 11 Pro, you can select any two out of 4 cameras -- Front, Back, Telephoto & Ultrawide and record them either as separate files or in one single file as PIP/Split screen/Alternating format.

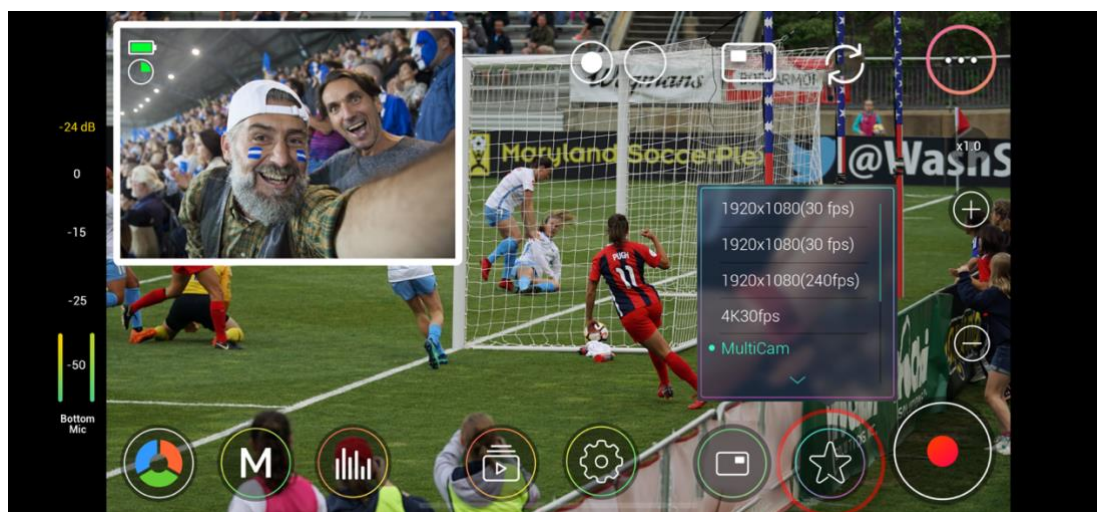
2. Setting Up MultiCam

2.1 Selecting MultiCam Option

To use MultiCam feature, it is necessary to switch to a MultiCam preset. There are two possibilities to consider here.

2.1.1 Scenario 1: You installed MoviePro for the First Time

If you installed MoviePro for the first time, the default list of presets contains a MultiCam preset. Selecting it would switch to multi-camera mode. You could switch to/from a single cam to MultiCam mode anytime by changing the preset.



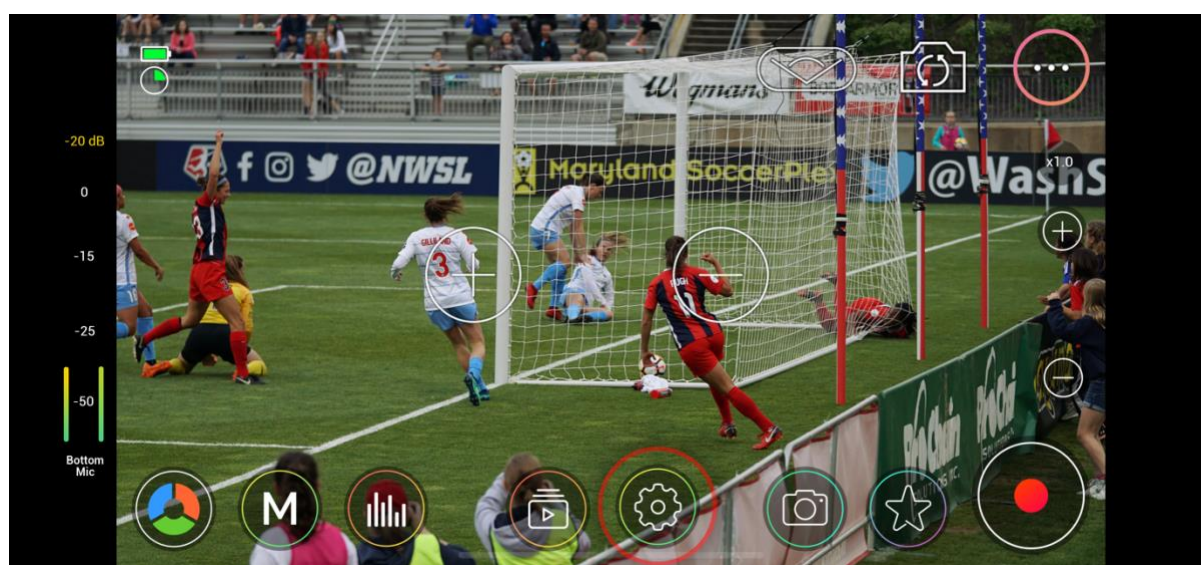


2.1.2 Scenario 2: You updated to MoviePro version 7.1(or later) from the previous version of MoviePro

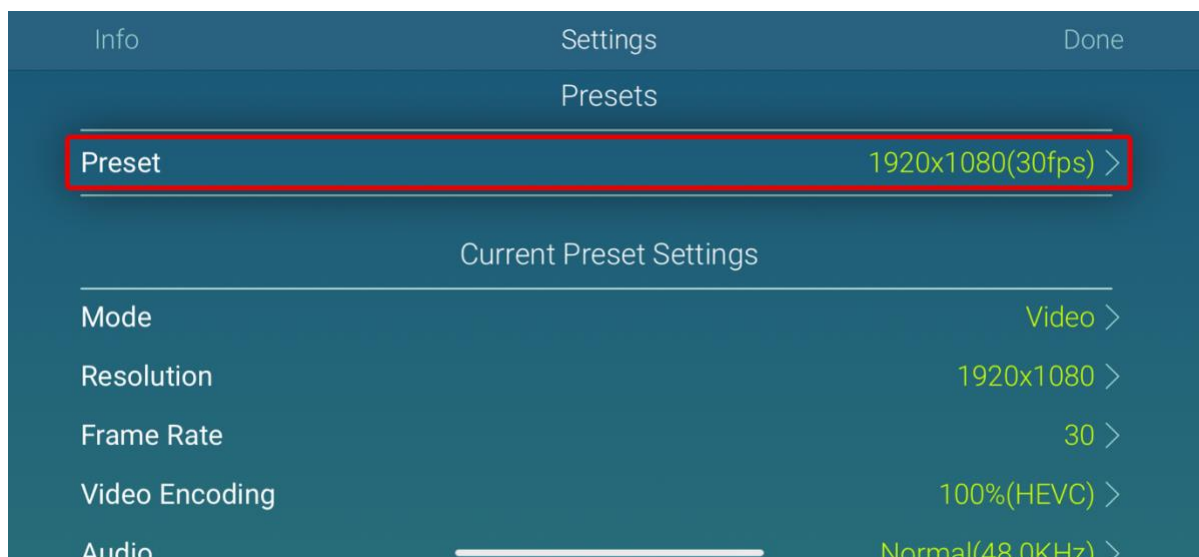
In case you updated to MoviePro version 7.1 from the previous version of MoviePro, then you would need to manually create a MultiCam preset in the settings, or convert an existing preset to MultiCam. Follow the next section on how to do it.

2.2 Adding MultiCam Preset

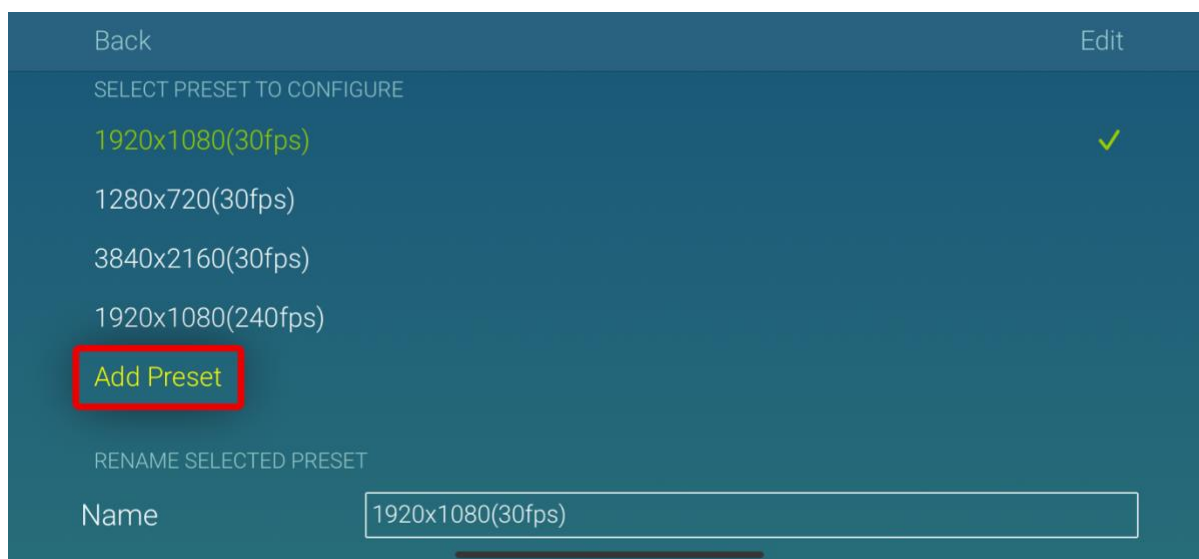
The first thing to do is to open MoviePro settings by tapping the Settings icon.



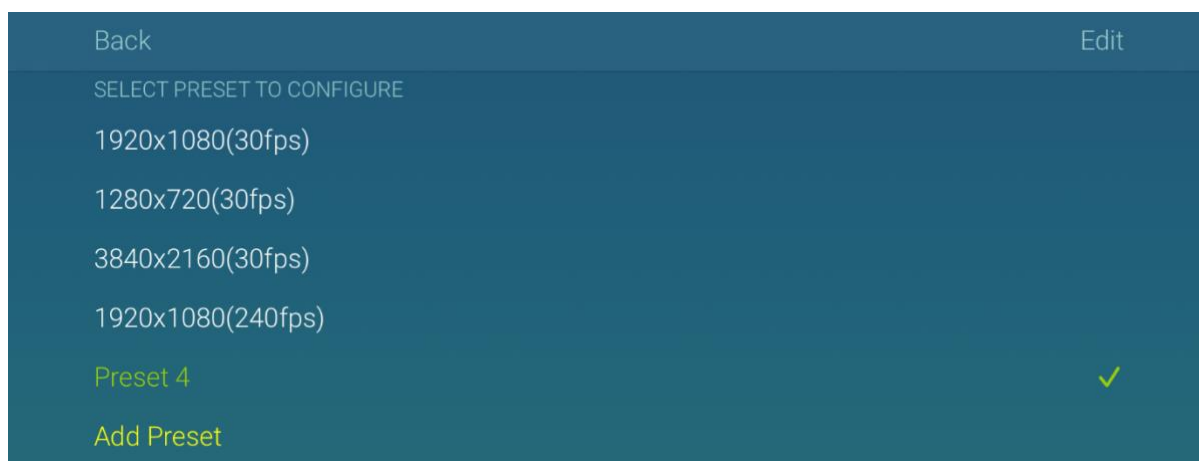
Next in the settings, you could either create a new preset by first tapping 'Preset' button,

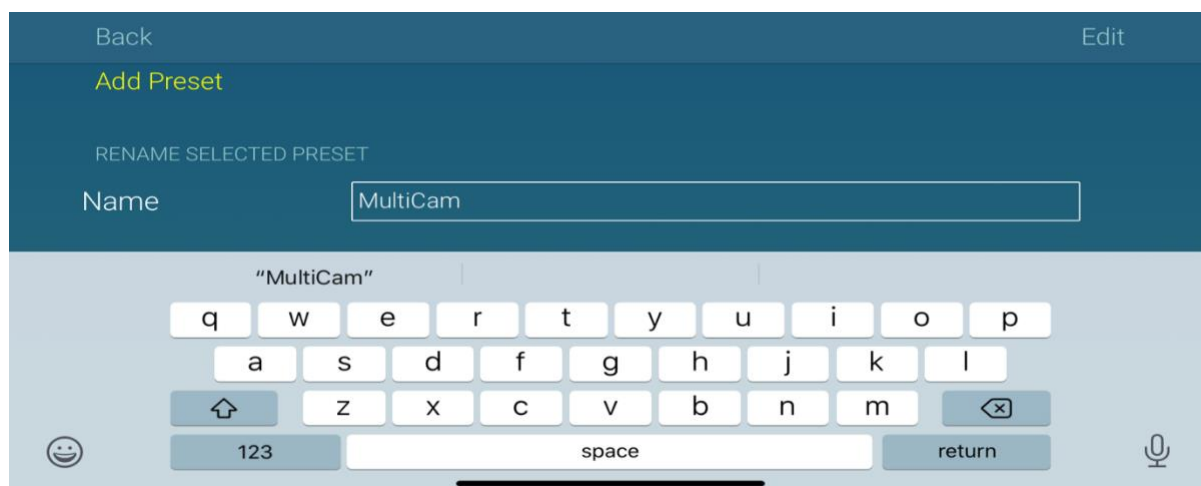


And then, tapping “Add Preset” to create a new preset

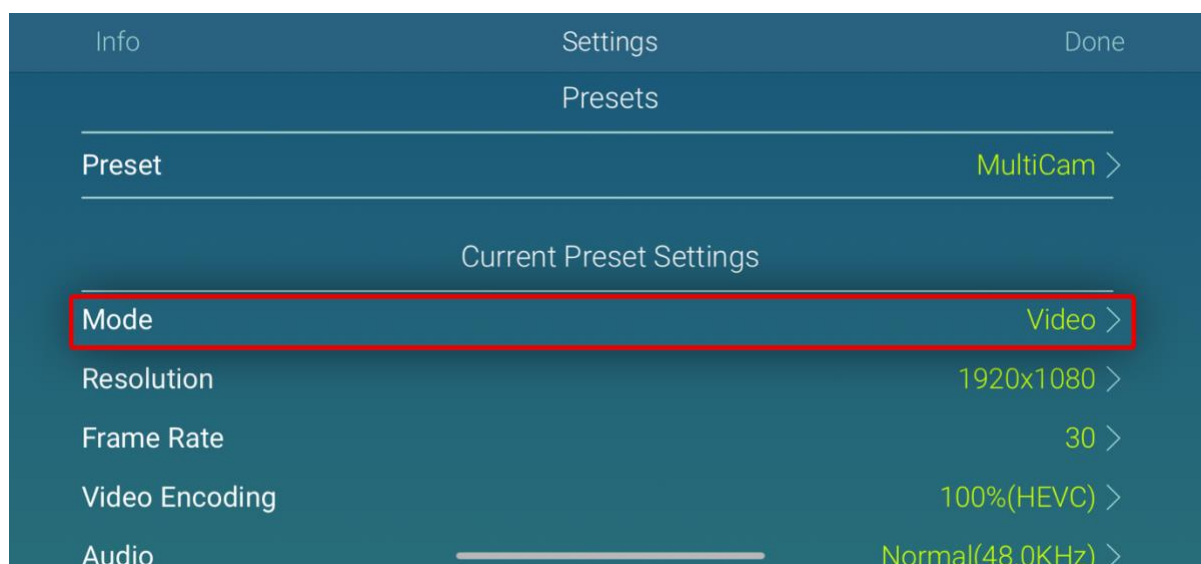


After this step, a new preset with a dummy name such as “Preset 4” is created. Next rename the newly created preset to something of your choice, such as “MultiCam”.

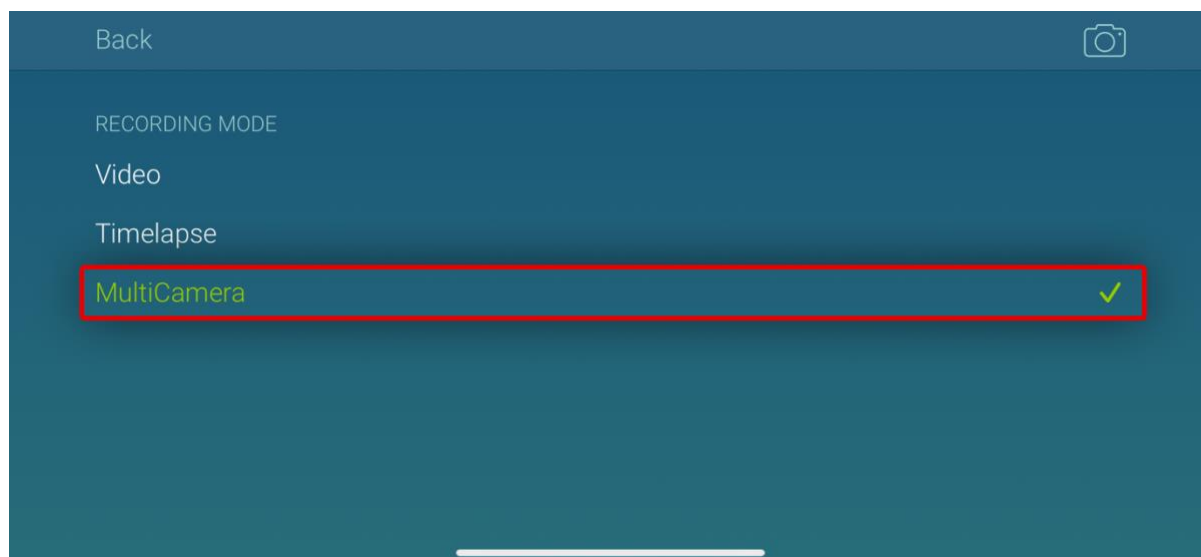




Now tap the Back button and select the “Mode” setting of the newly created preset.

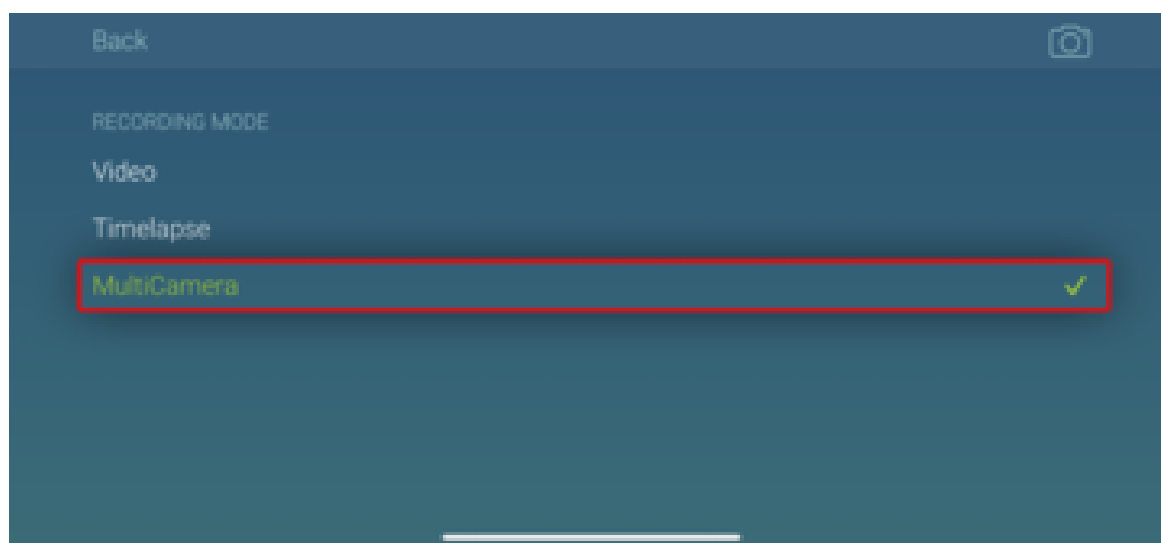


And now set the mode to “MultiCamera”.



We are now done. The newly created preset is now a MultiCam preset.

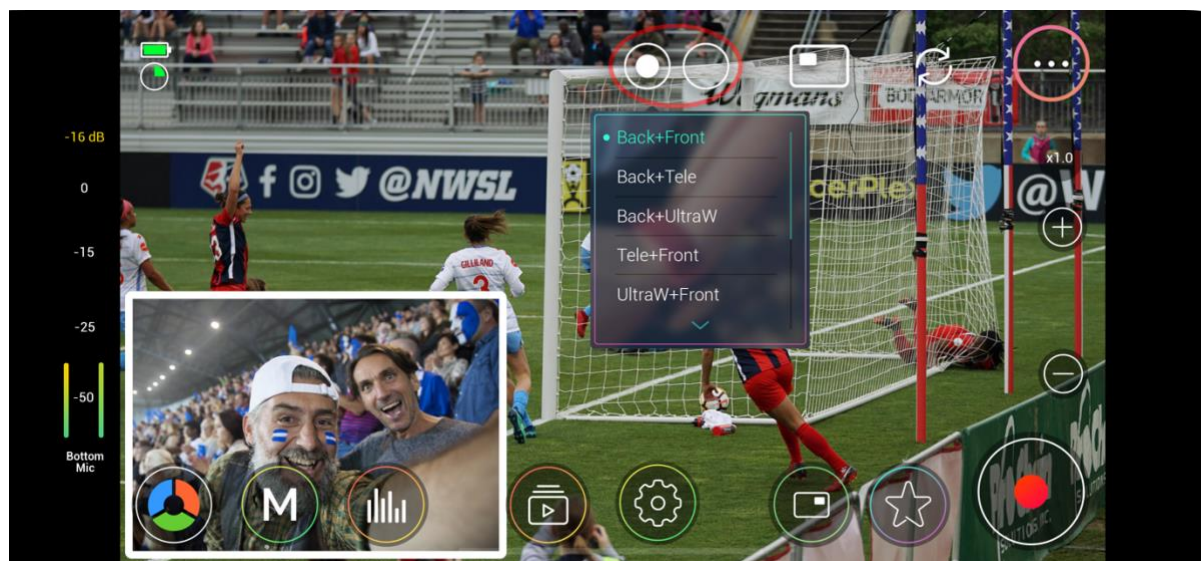
Any existing preset could also be converted to a MultiCam or single-cam preset by changing the Mode setting to “MultiCamera” or “Video” respectively.



2.3 Selecting cameras

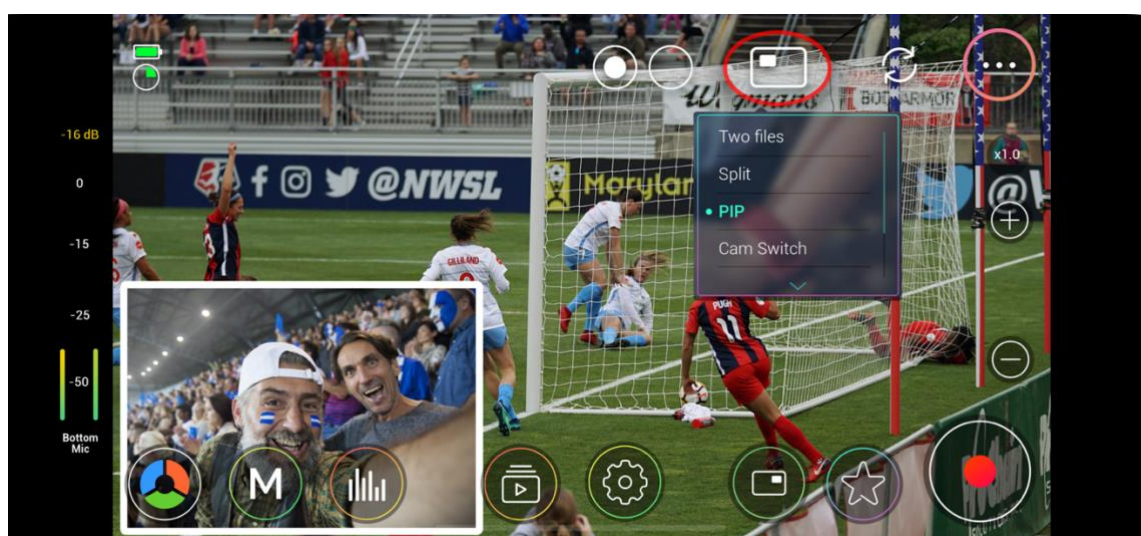


Use the Multilens button shown in the figure to select a pair of cameras. All supported pairs will be listed on the menu. If your device has only a back and front camera, this button is redundant and is not shown.



2.4 Select Recording Format

The default recording format is two camera streams merged as Picture in picture (PIP) in a single file. But the app supports four different recording modes in total.



The description of recording modes is as follows:



- **Two Files:** Two camera streams are recorded in two separate files separately, which can perhaps be merged later in post processing. The preview will show second camera in PIP format though so as to have complete view of both the cameras.
- **Split Screen:** Two camera streams are merged in single video recording in a split screen format,
- **Cam Switch (Alternating):** This is called camera switching in real time with zero delay. Only camera is active in recording at a time.
- **PIP:** Two camera streams mixed together in picture-in- picture format.

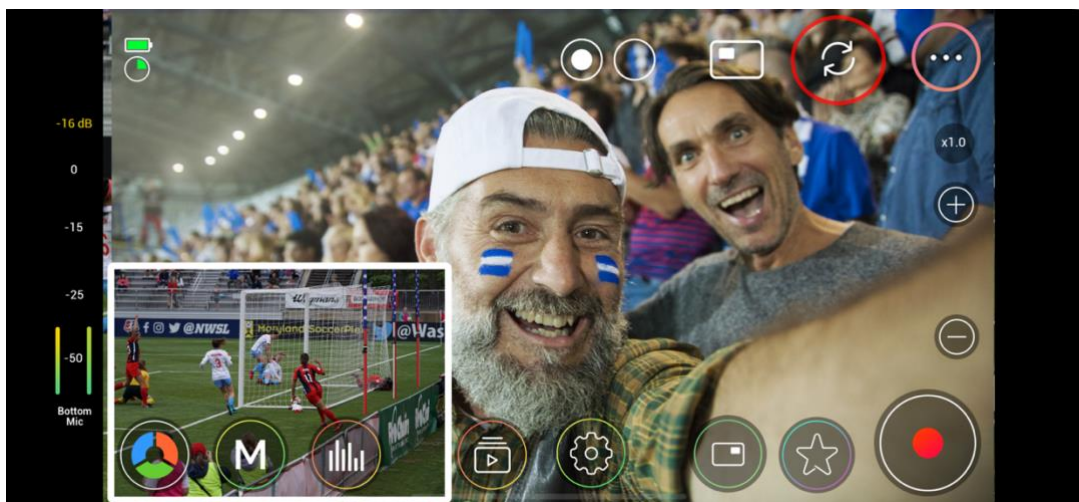
2.5 Quitting MultiCam Mode

To quit MultiCam mode, simply switch to another preset which is non MultiCam (i.e. the Mode setting is “Video”).

3. MultiCam Controls

3.1 Switching Cameras

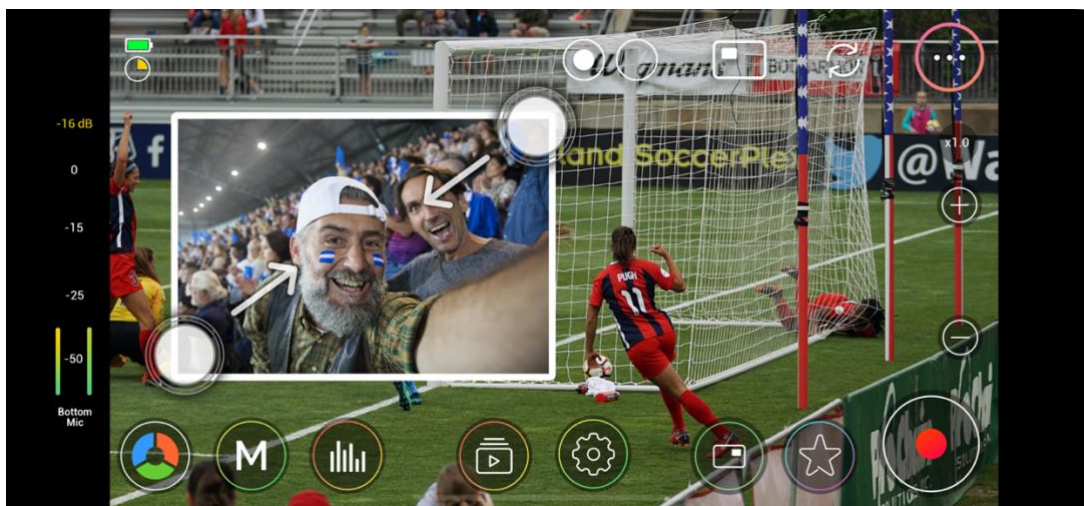
Use the camera toggle button to switch between the primary and secondary camera anytime. In the PIP or Split Screen mode, this option swaps the frames of primary & secondary camera frames. In Cam Switch (Alternating) mode, this has the effect of switching cameras in real-time which is very fast compared to camera switching in Single Cam mode where there is a noticeable delay.





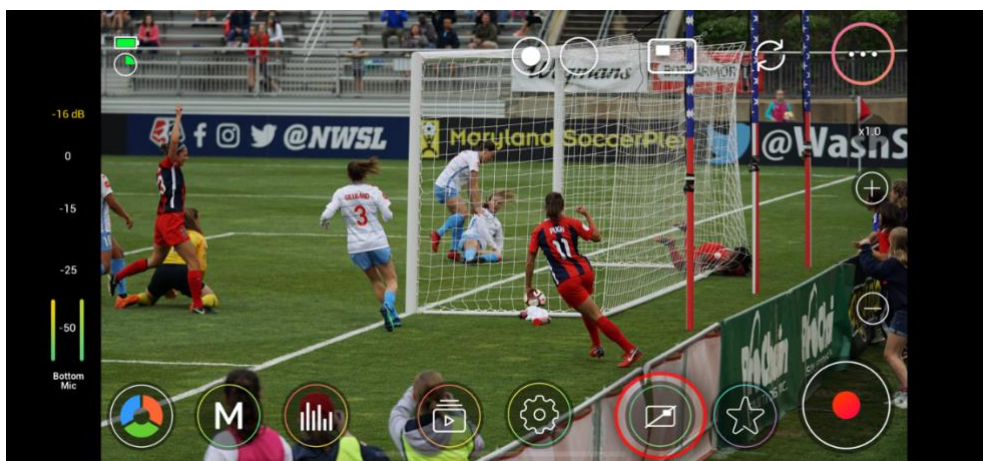
3.2 Moving/Resizing PIP window

In the PIP mode only, the app supports moving & resizing the PIP window. To resize the window, first, use the finger to drag the PIP window near the center of the screen (away from the corners). Now use pinch/zoom gesture using two fingers to shrink/grow the PIP window. After this simply drag the resized window anywhere on the screen you want it to be.



3.3 Disabling Secondary Camera

In the case of PIP/Split Screen, the second camera stream can be shut off or brought back anytime (while recording or otherwise) using the toggle button shown below.

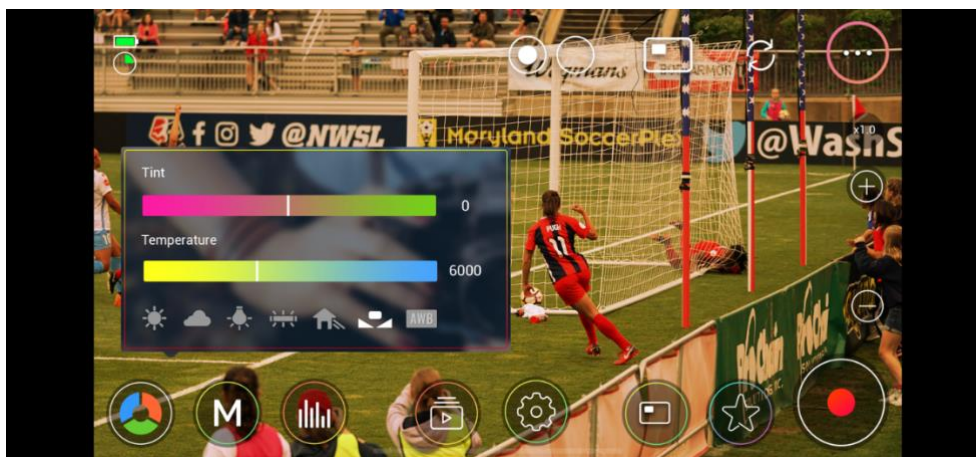


With this option, the second camera is active only when you need it as opposed to being in the whole video recording. Useful to record short-duration reactions at key times in the video.



3.4 Manual Controls, Zoom, White Balance

The primary camera can be zoomed or manually configure focus/exposure using the M button, or adjusted for white balance anytime. The preview will temporarily hide the second camera to avoid the clutter while these camera adjustments are made (the video recording will still have a second camera stream).



To adjust these parameters for the secondary camera, it would be necessary to switch to the second camera using the camera toggle button at the top right.