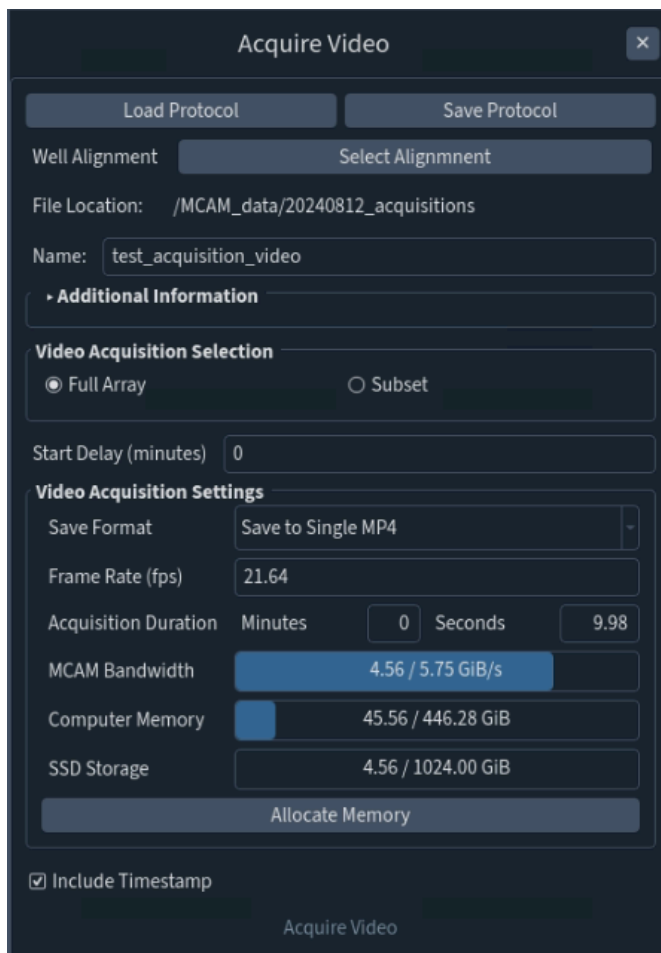


Acquire a Video

Videos can be streamed and acquired from all cameras of the MCAM simultaneously.



Step	Function
1	Open the MCAM software.
2	Go to Assays > Acquire Video.
3	Select a File Location. Always select a folder on the "MCAM_data" drive to store data from MCAM acquisitions. The "File Location" will be displayed in the panel once defined.
4	Enter a Name for the acquisition. A timestamp will automatically be appended to the selected name.

5	A start delay is optional and can be entered to delay the acquisition start from the time "Acquire Video" is clicked.
6	Select Save Format. It is recommended to compress videos during acquisition by saving to MP4 format.
7	Define Frame Rate. The current maximum values for High resolution, Standard and High Frame Rate resolutions are 23, 80, and 160 fps respectively. Acquiring at high frame-rates increases data sizes, so it is recommended to minimize the frame-rate for your application in order to decrease data sizes.
8	Define Acquisition Duration.
9	The three status bars reflect estimated system performance and storage capacity. Ensure that all three bars are blue. If any are red, modify imaging parameters to allow acquisition.
10	Click Allocate Memory to prepare the system for acquisition.
11	Click Acquire Video to initiate the acquisition.