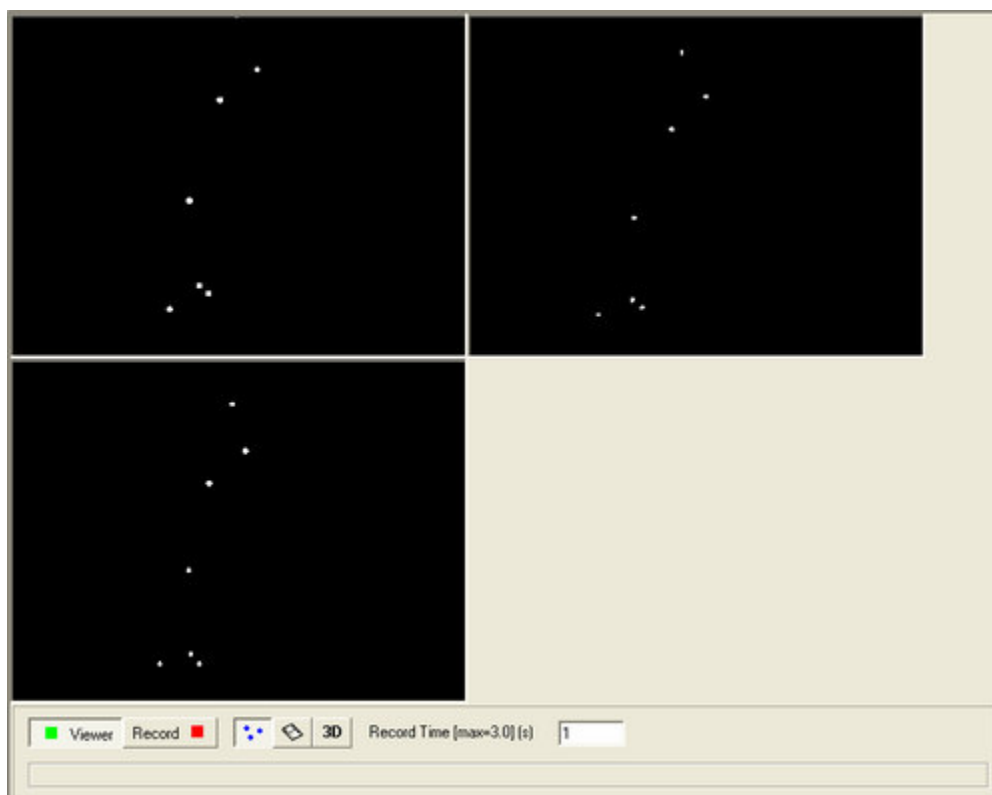


To use the SAM walking video demo files in MaxPRO follow these steps:

1. Set the camera type to FileCAM on all 3 cameras. This is the default when MaxPRO is first installed.
2. Load the 3 SAM video files by clicking on Select AVI File... on each camera.

Camera Setup	
Number of Cameras	3
[-] Camera 1 [Master]	
IP Address	localhost
Ports	2000, 2001
Camera State	Enabled
Camera Type	FileCAM
Camera	Select AVI File...
Sensor Size (mm)	6.4
Focal Length	8.5
[-] Camera 2	
IP Address	localhost
Ports	2002, 2003
Camera State	Enabled
Camera Type	FileCAM
Camera	Select AVI File...
Sensor Size (mm)	6.4
Focal Length	8.5
[-] Camera 3	
IP Address	localhost
Ports	2004, 2005
Camera State	Enabled
Camera Type	FileCAM
Camera	Select AVI File... ...
Sensor Size (mm)	6.4
Focal Length	8.5

3. You can now click on the Viewer button to view the 2D data. Note that the videos may not be synchronized in the viewer mode. You can now change the thresholding under the Recorder tab and see the difference when it is being changed. You can also change the min and max marker size.



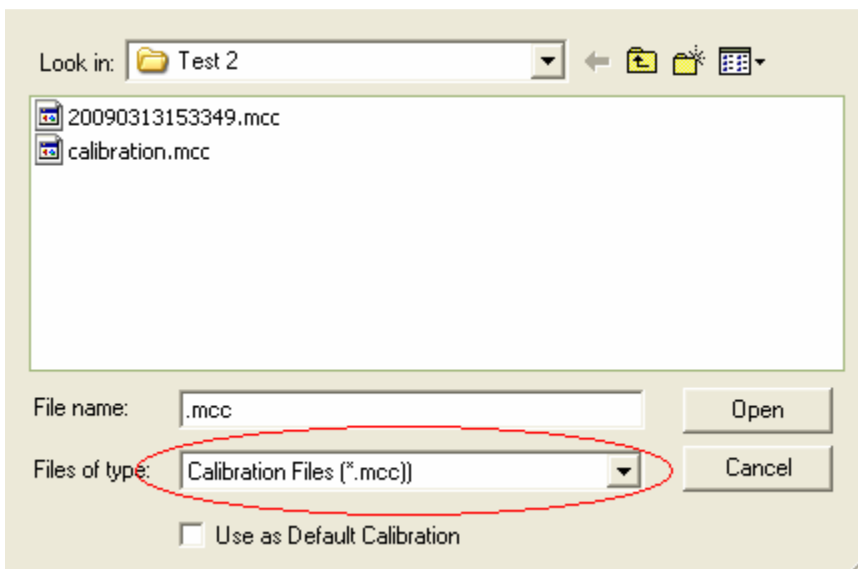
Important; Make sure the External Trigger is turned **Off**.

Recorder Setup	
[-] Camera Settings	
Frame Rate (Hz)	60
Exposure	41
Gain	100
Threshold	170
[-] Marker Settings	
Min Marker Size	3
Max Marker Size	40
Centroid	Circle Fit
Reverse Video	No
[-] Trigger Settings	
External	Off
Pretrigger	0

4. Set the tracking parameters to the following:

Tracking Setup	
[-] Trajectories	
No of Markers	8
Auto Assign	No
Min Length	1
Preview	Yes
[-] Tracking	
Predictor Error	30.0
Max Residual	5.0
Acceleration Factor	50000.0
Noise Factor	10.0
Max Autojoin Gap	60
[-] Interpolation	
Max Gap	30

5. Load the calibration file by selecting File-Open and the select Calibration File



6. Make sure **Viewer** is turned **Off** and then press the Record button. This will extract the 2D data from each video and send it to the 3D tracker. After the tracking is done, MaxPRO will switch to tracking mode and you should now see the 3D points in the dynamic view. You can now use the identification functions to assign the available 3D segments to the 8 marker. You can name the marker, change colors and create stick figures. See the MaxPRO documentation for more information.