

Optical system for assessment of atrial and ventricular mechanics in Langendorff-perfused mouse hearts

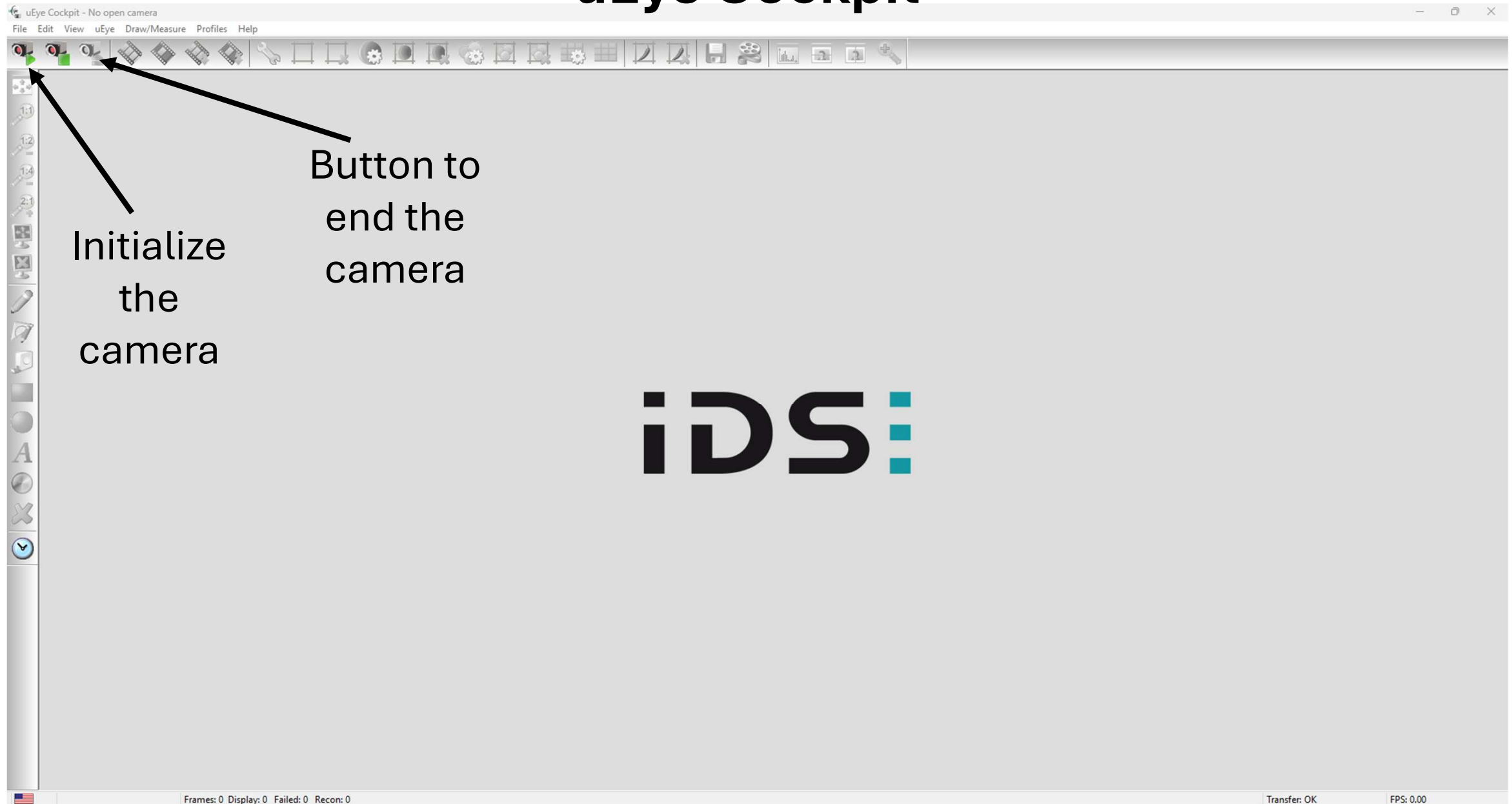
Guide to Connecting the Camera in the uEye Cockpit

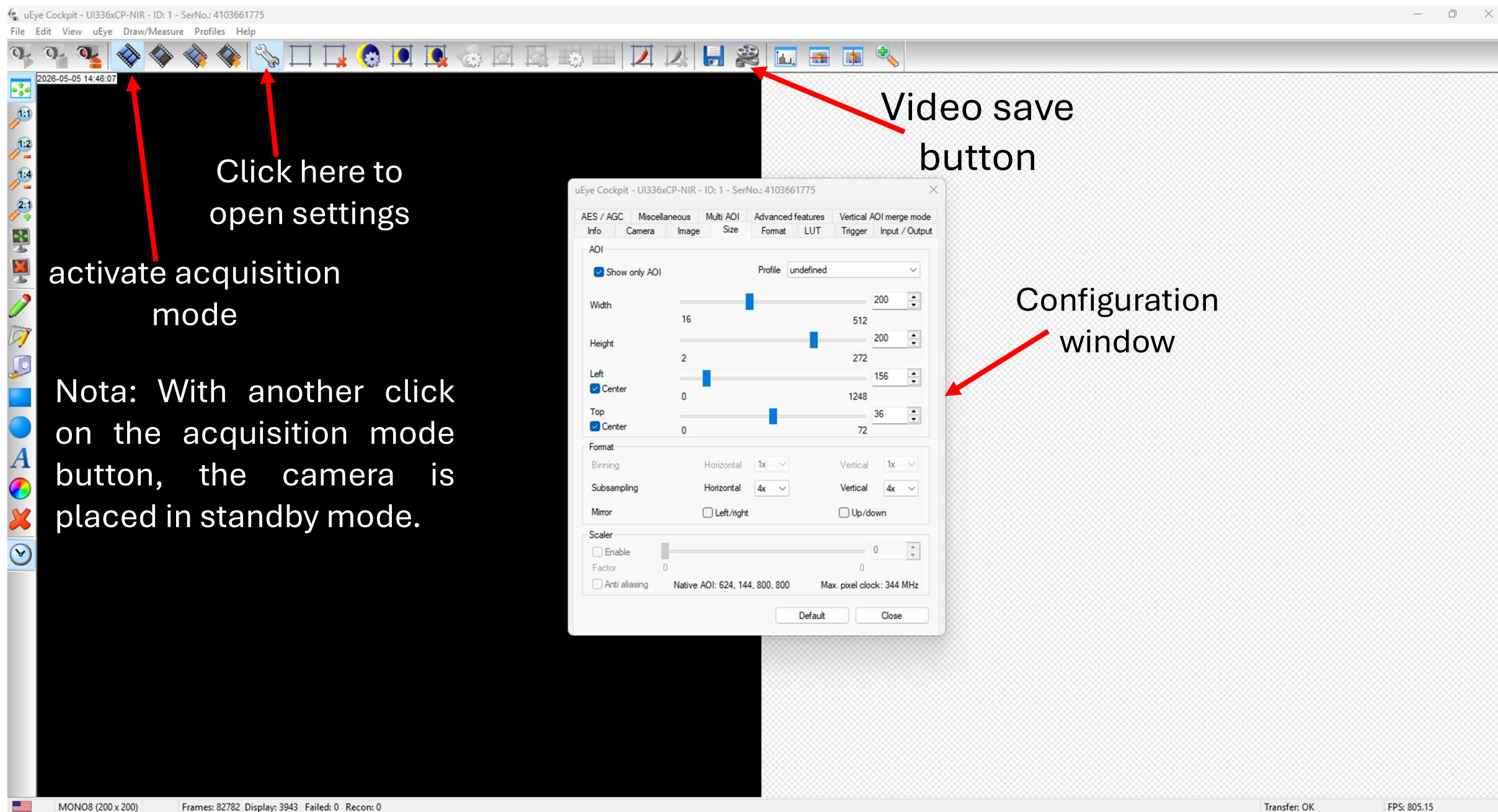
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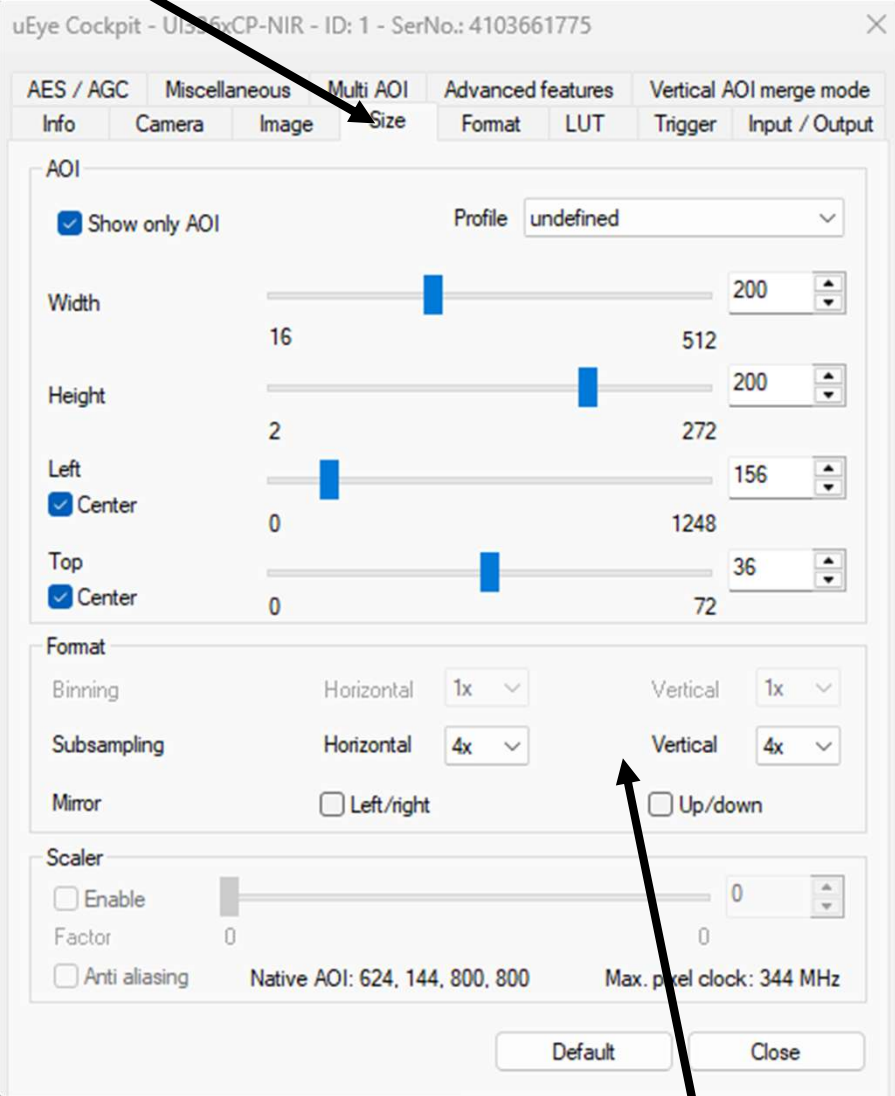
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uEye Cockpit



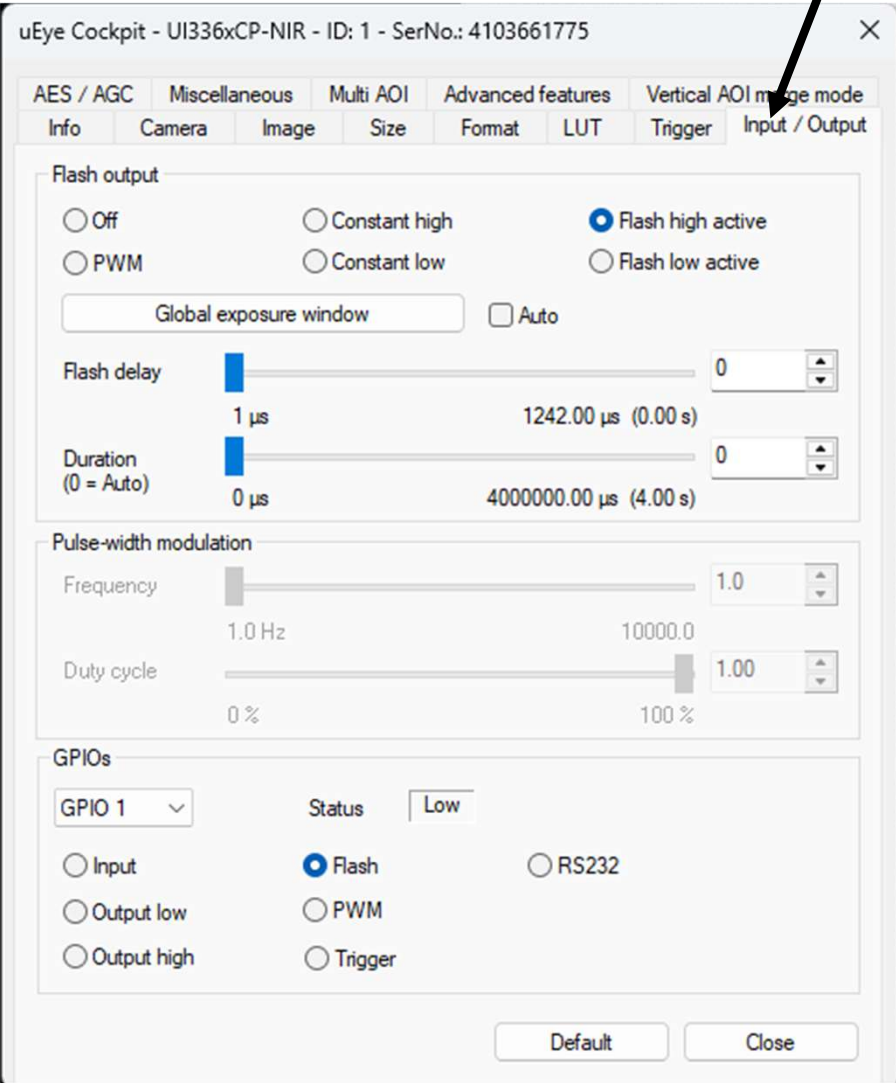


Click here to open the spatial resolution window



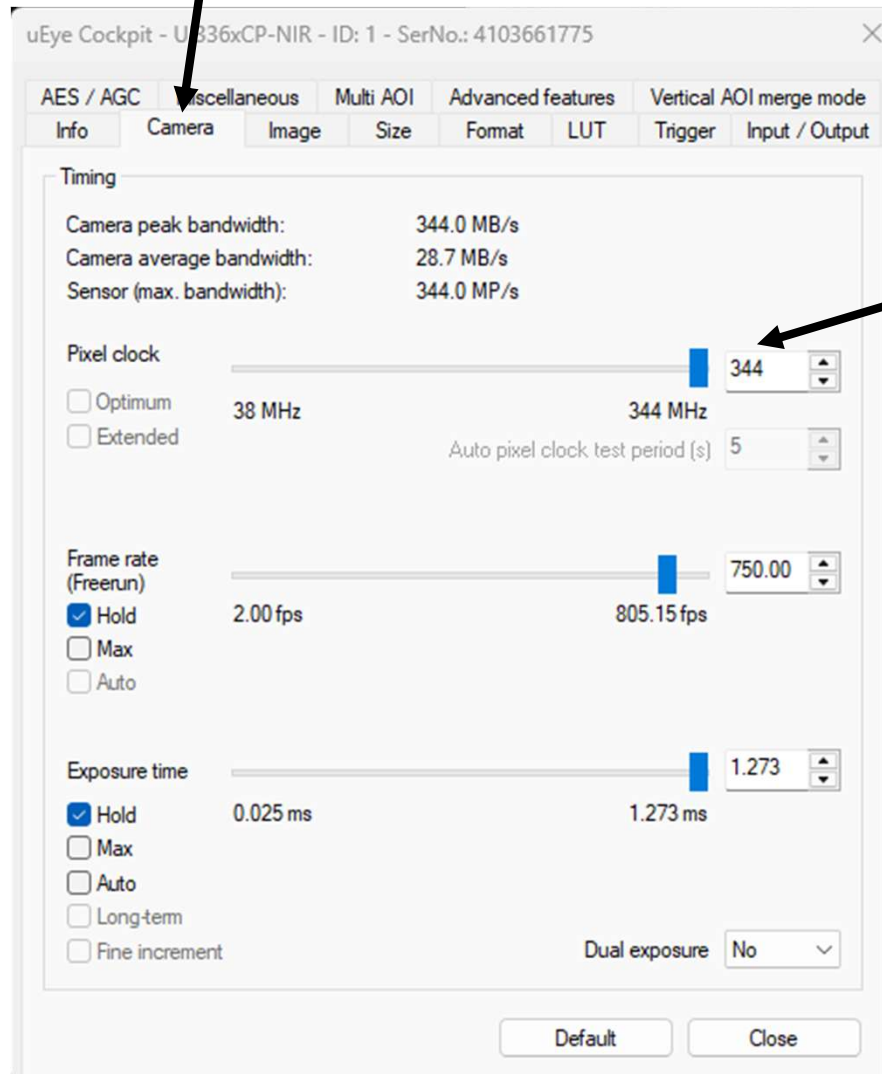
Turn on subsampling at 4x

Click here to open the input and output pins window



Note: activate the GPIO 1 output with the flash and activate the flash in high active, with this configuration every time you activate the acquisition mode it will send a pulse which is the signal to turn on the lighting and save the stimulus

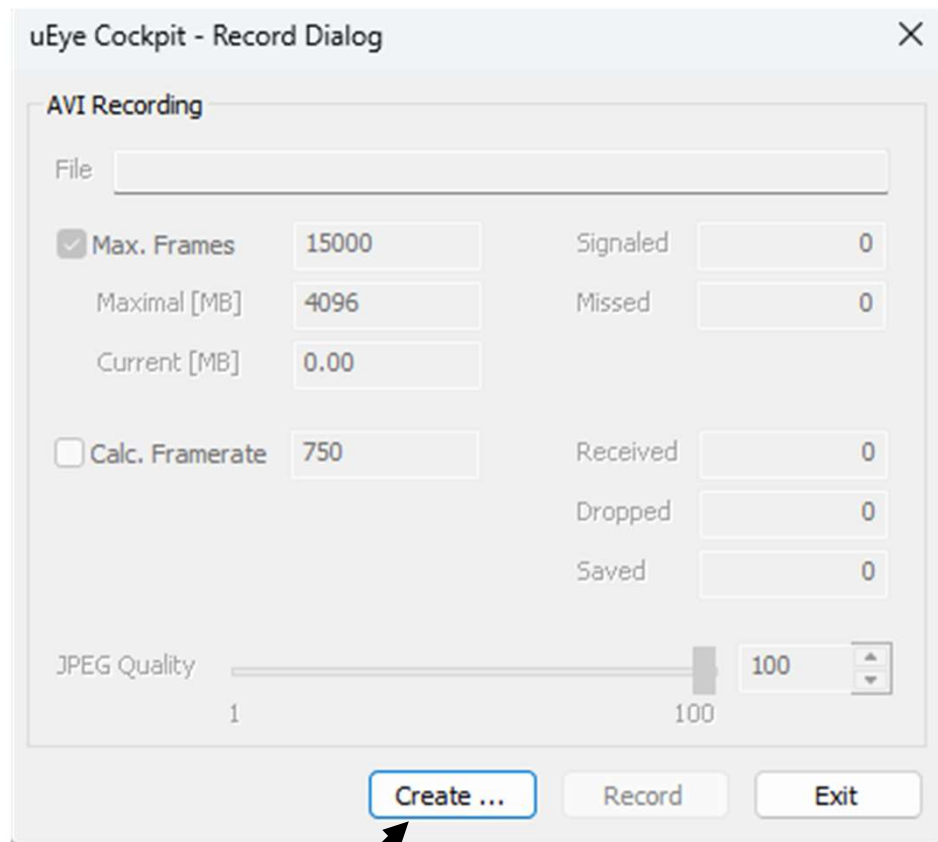
Click here to configure the acquisition speed and exposure time



Set the pixel clock to its maximum value (344 MHz)

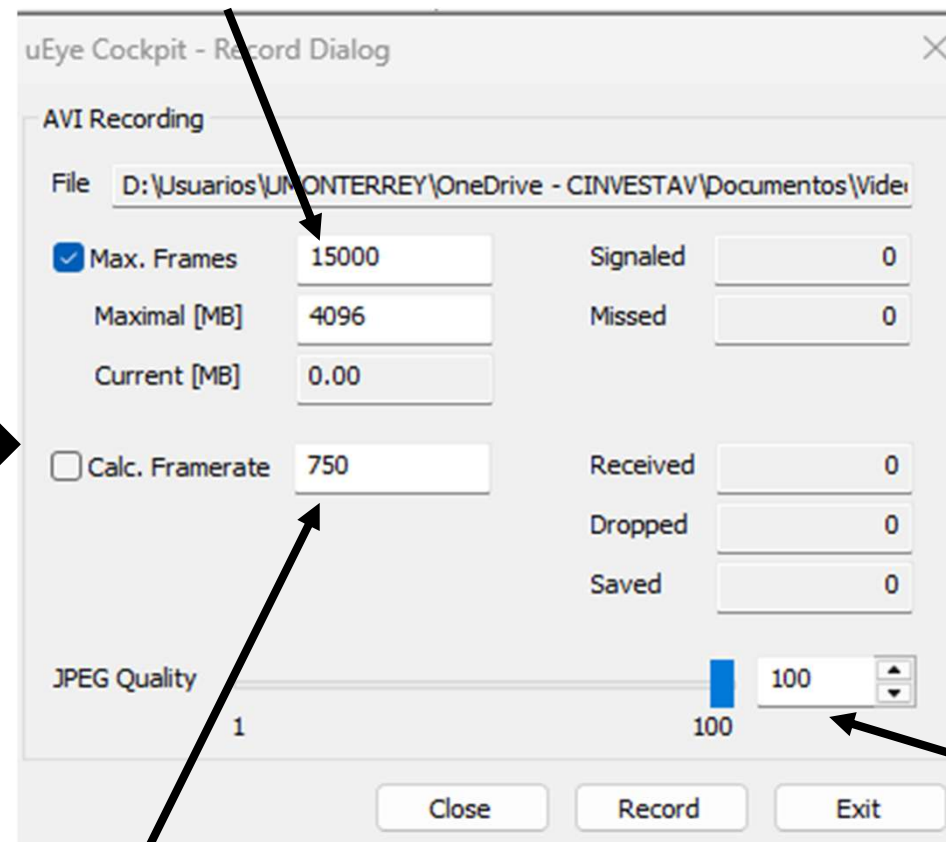
Note: Adjust the exposure time so as not to have light saturation in the image, do not set it less than 0.3 ms, since below this value the synchronization between the camera and the lighting control begins to fail.

To record a video, click the save video button and the window below will appear



Click here to enter the name and save address of the video

Set the number of images you want to register



Set the acquisition speed

Set the image quality

Connection for synchronization of the camera with illumination control and the option of electrical pacing

UI-3360CP-NIR-GL Rev.2

