INFINITY 5.0 MAC Software Installation Guide

This guide explains the steps involved in the installation of the INFINITY software and camera on a Mac running O/S 10.6 or higher.

While the installation process is simple and quick; you should install the INFINITY camera software prior to plugging the camera into your computer. Failure to do so may prevent the device drivers from loading automatically.

> *Install the INFINITY Software prior to connecting the camera.*

System Requirements:

- Mac O/S 10.6 or higher   [**NOTE:** will not function on older Mac O/S versions]
- Both 32-bit & 64-bit platforms are supported
- USB 2.0 Port

INFINITY Software Installation:

1) Ensure that the camera is not connected to the computer

2) If you have attempted to install an earlier revision of the INFINITY Mac package on this computer, remove the following files prior to continuing:

- Applications ⇨ INFINITY CAPTURE
- Applications ⇨ ImageJ ⇨ plugins ⇨ Lumenera_Plugin.jar
- Library ⇨ QuickTime ⇨ LUMENERAVDIG.component

3) If it is not already resident on the Mac, download and install the ImageJ software from the NIH website.

   [visit **http://rsb.info.nih.gov/ij** to locate the appropriate revision of ImageJ]

4) Launch the INFINITY 5.0 installation package and follow the prompts to complete the process

5) Connect the INFINITY camera to the PC using the USB 2.0 cable supplied.

Launch the ImageJ application

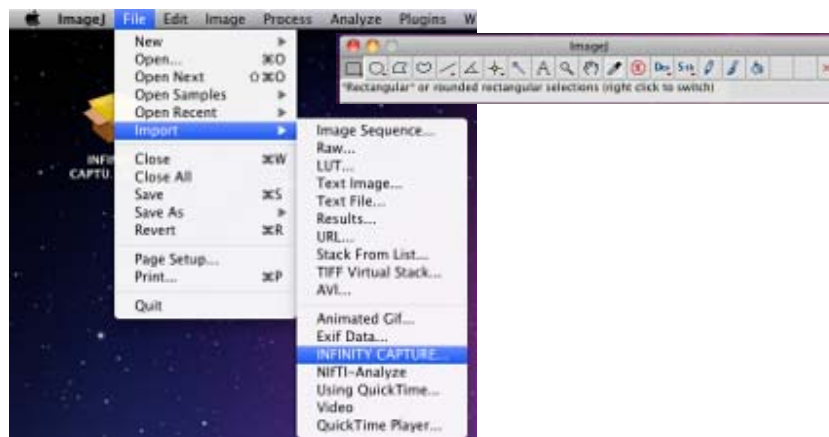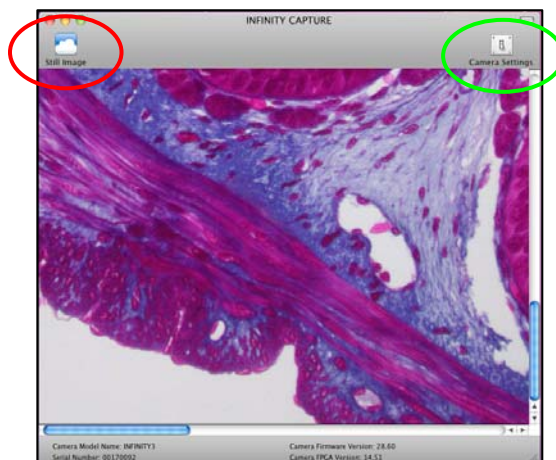- Select File ⇨ Import ⇨ INFINITY CAPTURE
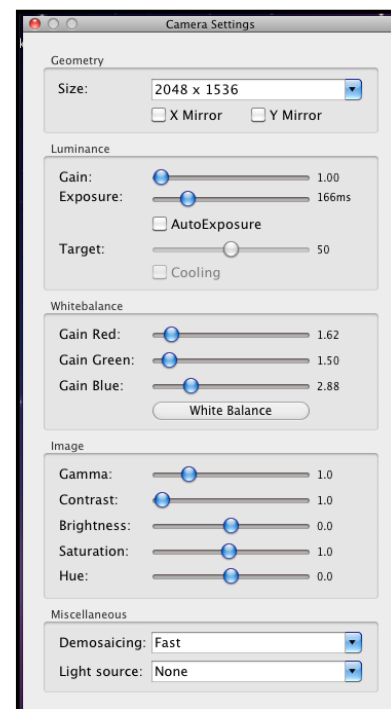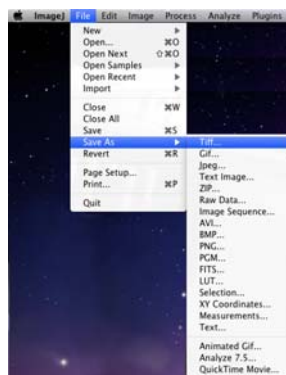

Image Capture and Camera Control

- Click the 'Still Image' button to capture an image into ImageJ
- Click on the Camera Settings 'Light Switch' icon in the upper right corner of the dialog to control the camera

- Manipulate the camera resolution, exposure time, gain, white balance, and other image controls as desired, to obtain the optimal image quality.

  Note: To obtain an accurate color balance remove the sample from the camera field of view prior to selecting the White Balance function. A properly exposed white or grey background is required for the camera to compute the correct color channel gain settings.

- Use the ImageJ options to manipulate the image or save the image to a desired file format

Technical Support

The Lumenera Technical Assistance Center (TAC) may be contacted by e-mail (support@lumenera.com) or by phone (613) 736-4077. Hours of operation are 9am to 5:30pm EST. Valuable information is also available online on the TAC web page http://www.lumenera.com/support/index.php.