

## Operating instruction for the LM Relay Lens Universal Adapter with C-Mount Extension for C-Mount Cameras



Screw the LM Relay Lens Universal Adapter to the digital video camera.



Now screw the C-mount extension onto the phototube of your microscope in a clockwise direction.

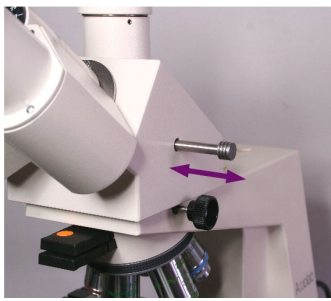


1) You can now connect the entire unit (LM Relay Lens Universal Adapter and camera) onto the C-mount photoport of your microscope.

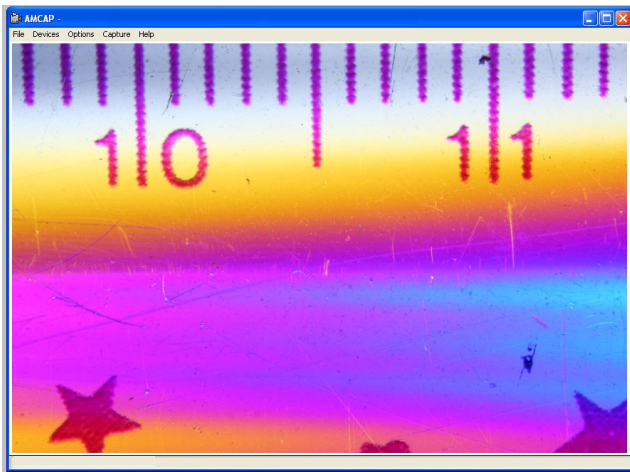
2) Using an Allen key, you can now adjust the distance between C-mount extension and LM Relay Lens Universal Adapter to the optimal value (please tighten all screws as evenly as possible).



Now swivel in the 10x microscope lens and visually focus the image by means of the microscope focusing mechanism. Plan achromatic, plan fluor or plan apochromatic microscope lenses are optimal for perfect micro images.



If your microscope does not have a beam splitter (e.g. 60/40), remember to adjust the deflecting prism so that light can enter into the phototube

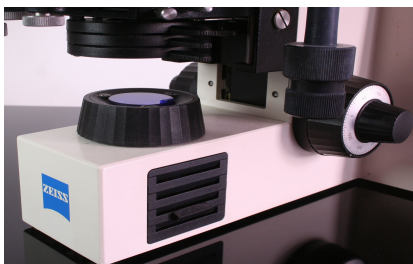


Start the camera software so that you can see the Live View on the monitor.



1) Focus adjustment: To achieve optimum focus, you have the possibility (as described above) of adjusting the distance between C-mount extension and LM Relay Lens Universal Adapter using an Allen key.

Condenser with daylight filter (light blue)



Whenever possible, bright microscope illumination, halogen illumination, LED or a flash unit designed for short flash durations is recommended. If needed, you can insert a daylight filter (light blue) into the illumination beam path or use your camera's controls to adjust the white balance.