

Coolpix Digital Camera C-Mount Adaptor - 2504501

User Instructions

Mounting the Coolpix Camera:

1. Thread Coolpix Adaptor into the camera M28 filter mount thread.
2. Attach Coolpix Camera with Adaptor to the c-mount of the microscope video adaptor.



Focusing the Camera:

1. Camera power "On". Camera auto flash "Off". Set camera focus to infinity.
2. Set microscope eyepieces at 0 diopters or to your visual correction if spectacles are not worn.
3. Look through the microscope and focus on a stationary target at a high magnification.
4. Check focus of LCD display. If not in focus, adjust microscope focus until LCD image is in focus. If necessary adjust eyepieces until microscope is in focus.
5. Loosen Locking Set Screw, rotate camera to desired position and lock with a .50" Allen key. Vignetting (peripheral shadow) can be expected at some focal lengths of the camera's zoom range.

Note: When the zoom lens of the camera is set at the shortest focal length, an image of the adaptor field diaphragm will appear. This is normal and not vignetting. The zoom of the camera should be set to capture the same field of view magnification or higher as observed through the scope.

Recommendations:

- Use AC adaptor to power camera.
- Connect a monitor to camera for more accurate focusing (if equipped).
- Use camera self-timer function or remote control to avoid vibration when taking a picture.
- Adjust eyepiece focus to user vision after focusing camera.
- Use optical zoom settings for optimal picture quality.

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