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Step by Step Instructions for setting up your S2-HD Microscope



Above is the complete S2 Trinocular microscope system which includes a trinocular head, two 10x eyepieces, stand with top and bottom illumination, power cord and c-mount adapter.



Plug the power cord into the back of the stand and plug into your power source.

Place the Trinocular head (shown at right) into the focus holder.

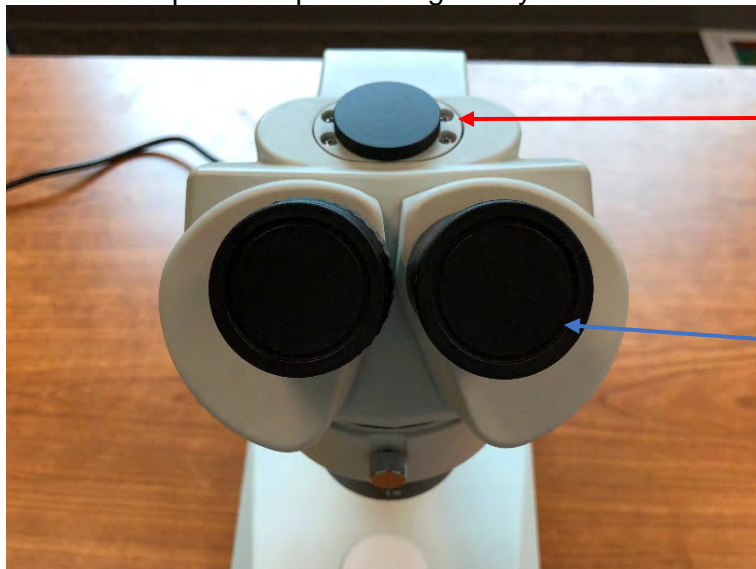


Secure the Trinocular head with the set screw indicated below by the red arrow.

Remove the plastic cap on the bottom of the head indicated by the blue arrow below by twisting it off.



Remove the plastic caps covering the eye tube holes and the trinocular port.



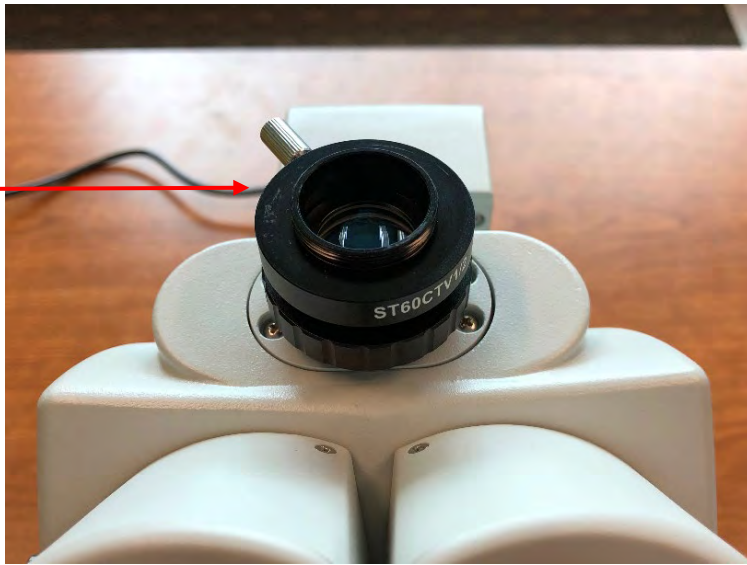
Trinocular port

Eye tube holes

Place the 10x eyepieces into the eye tube holes.



Connect the C-Mount adapter by screwing it onto the Trinocular port, see image below.



HDCam3 Set includes HDCam3, USB connect mouse, power cord and HDMI cable.



Remove the rubber cap from the camera

Attach the camera to the C-mount adapter by matching up the threads and rotating clockwise.



Connect the mouse to the camera by plugging it into the USB slot labeled "USB Mouse" on the top of the camera.



Connect the camera power cord to the camera by plugging it into the “DC12V” slot. Once the power cord is plugged into the power source a blue light will illuminate on the camera.



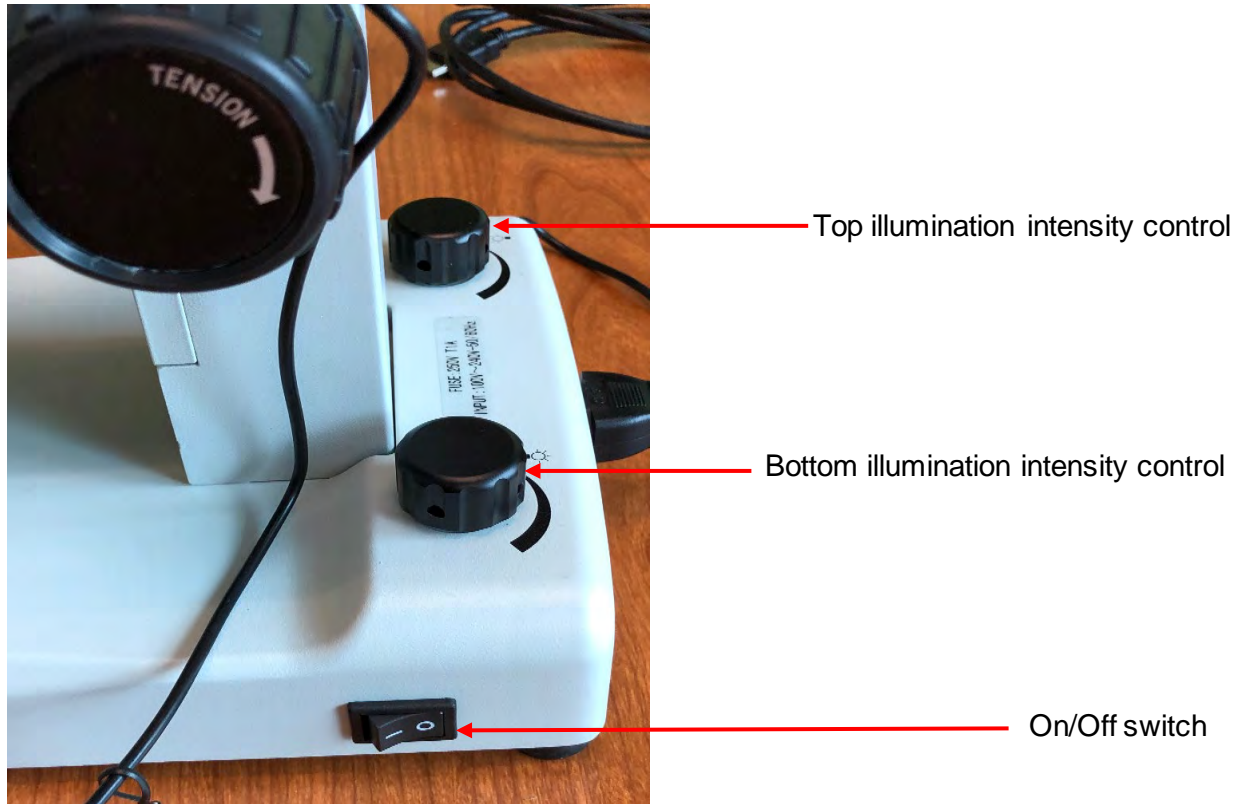
Connect the HDMI cable to the camera by plugging it into the “HDMI” slot. Plug the other end of the HDMI cable into the “HDMI” cable slot associated with your monitor.



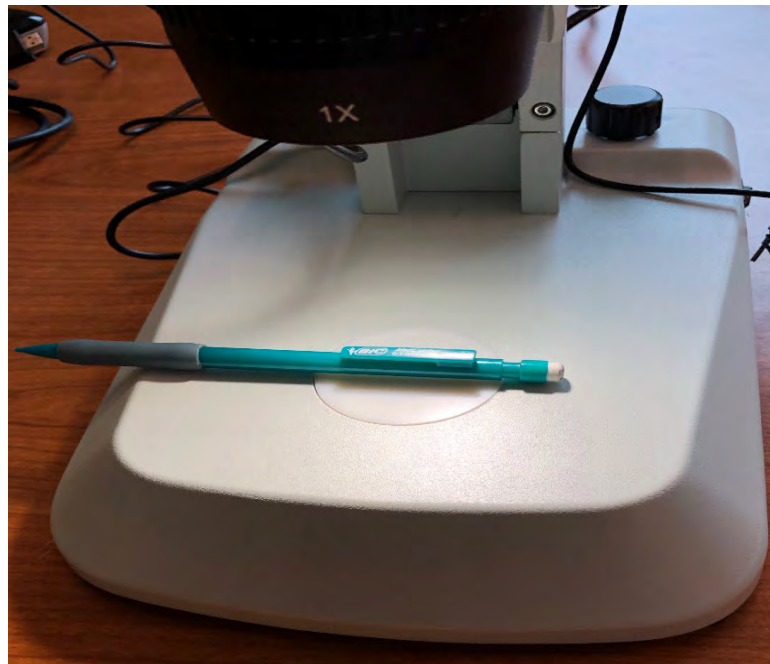
Image of all cables connected to the camera



Once all components are connected, turn on the microscope. Adjust the illumination using the intensity controls.



Place your specimen on the stage and bring the specimen into focus by adjusting the focusing knobs.



Check that the beam splitter is pulled out to allow the light to go into the trinocular port.

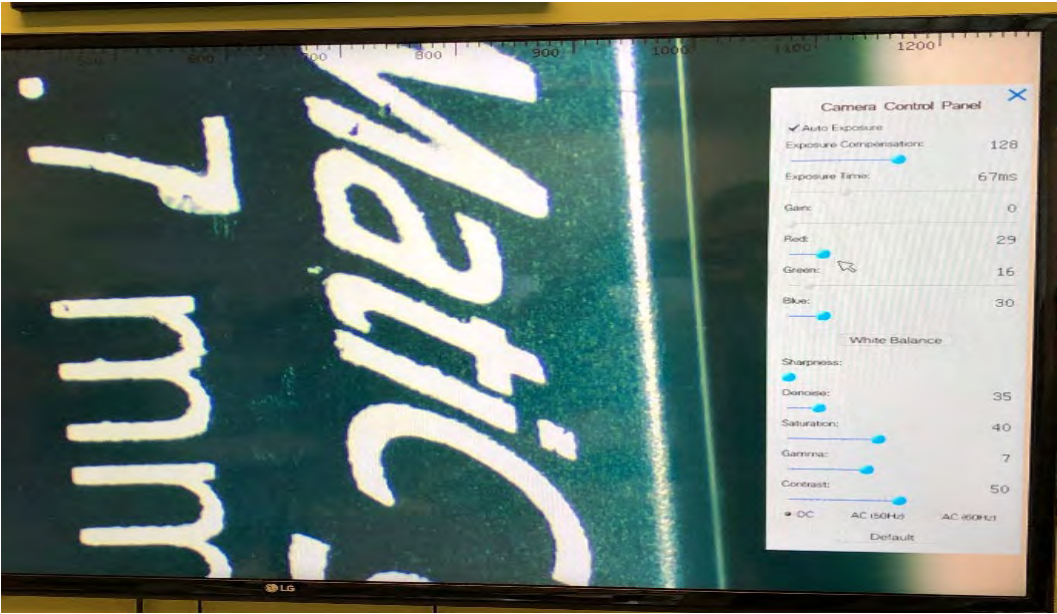


Beam Splitter



The blue light on top of camera indicates that the camera is on, and when your monitor is powered on, you will be able to see your specimen on the monitor and can use that to focus rather than viewing through the eyepieces.

Once your image is focused you can use the control panel on the right side of the monitor to make any adjustments to enhance the image. Once you have the adjustments made you can close the control panel.



If you hover at the bottom of the screen a menu bar will appear with additional features to further enhance your image.

