

## Dissecting Scope 2 – View 4K

### Camera Setup

1. Log onto the monitor using the common login
  - a. Username: Lab\_User
  - b. Password: Juday7Birge
2. Turn the light source behind the microscope stand. The light source is labeled **Fiber optic illuminator**. It can be turned on by moving the dial clockwise at its front to the left of the metal arms
3. Turn the camera on by holding the on/off button for 2 seconds. The light will flash blue then red, and will settle on blue when it is on
4. Increase or decrease the light by adjusting the dial. Adjust the light source by moving the metal arms
5. Make sure the gray HDMI cable is plugged into the camera at the top of the scope and it is connected to the back of the computer monitor
6. At the bottom right of the monitor, select any of the 5 buttons on the underside of the BENQ monitor and push one
7. Select the third button moving from left to right, below the symbol of an arrow pointing into a box
8. Select the appropriate buttons to move the blue box down from **DP** to **HDMI 1** to change the monitor display to the camera display
9. The mouse labeled **microscope** can be used to freeze the image or adjust a number of other image controls by revealing the taskbar at the bottom of the monitor (move the mouse over the bottom of the monitor to reveal the task bar)

### For Image Capture

1. On the bottom tab, select the settings button (second to last icon looking from left to right)
2. Select the **USB3.0** tab and make sure that **Device Mode** is selected and apply. The computer may need to restart. Go through the steps above to get back to the image screen.
3. On the left-hand side of the monitor, the mouse should reveal a **Camera Control Panel**
4. Select **Snap** to capture an image
5. Images will be saved to the SD card inserted into the camera
6. If you have a flash drive, insert it into the camera and go to the settings button
7. Navigate to the **Storage** tab and select **USB Flash Drive**