**User Account: herschel\tech**

If the password is not working 🡪 Press **Fn + numLock** keys before typing the user name and password to disable NumLock settings

**Password: LoewIR2016**

**Warm up time needed: ~30 minutes**

**ADVANCED CAMERA SETUP**

1. Open up N2iCon shortcut
2. Click **enable port** and select N2 Imager
3. Click **open**
4. Check **No AGC box** (14 bit NUC output only)
5. With lens cap on, click **one-point calibration with shutter**
6. Click on **advanced** tab
7. In the **command bar**, type in **0x26**, enter **0** in the below “Command Data” area
8. Hit **send** to perform NUC
9. Close N2 imager
10. Exit

**FRAMELINK EXPRESS PROGRAM**

1. Open up FrameLink Express shortcut
2. Open lens cap, then click on **grab sequence** (gray video camera) icon to start capturing data
3. Open up **histogram toolbox** (Box with black background and yellow plot icon)

Ensure “stretch between markers” box is checked  
Use left and right clicks to set upper and lower bounds for output display

**TO CAPTURE IMAGES (continuous for 15 minutes)**

1. Click on **capture setting** icon
2. Set image format to **TIFF** images
3. Click on **series of frames**
4. Select desired output folder using the patient ID code (Allison will provide it) in the directory:  
   **C:\Users\tech\Documents\BreastIR\PatientID**
5. In **Append to filename** section, choose **4 digit number**
6. From **capture event occurs**, choose **Capture every**, and set it at 30 seconds.
7. In **Capture duration for each event** section, set **Limit number of frames** to 60
8. In **Total capture** section, set the **Limit total capture time** to 15 minutes
9. Make sure all the boxes in **Text Overlay** section are UNCHECKED
10. Click on **Accept**
11. When ready, click **“start capture”.   
    DO NOT hit the STOP button at any time after imaging starts**

**TO CAPTURE ONE IMAGE (use when the patient holds the ruler, and when imaging the side mirrors)**

1. Click on **capture setting** icon
2. Set image format to **TIFF** images
3. Click on **single frame**
4. Select desired output folder using the patient ID code (Allison will provide it) in the directory and write the name of the image as follows:  
   **C:\Users\tech\Documents\BreastIR\PatientID\_scale\PatientID\_ruler**
5. Make sure all the boxes in **Text Overlay** section are UNCHECKED
6. Click on **Accept**
7. When ready, click **“start capture”.**