

These instructions are for Windows operating systems where the provided directory “Archivist Speedster” is located on the Desktop. Properly installed versions of Matlab and the JavaSE are required.

1. Configure the USB button to right click upon pressing. For Griffin Technology Powermate USB buttons, this can be done easily using the manufacturer’s software available at:

<http://www.griffintechology.com/support/powermate>

Note: This only needs to occur upon first installing the Archivist Workstation.

2. Configure the Canon camera to take images remotely and save them as JPEGs to the directory “Archivist Speedster/New.”

- Install the Canon EOS software suite via the CD that comes with the camera.
- Open EOS Remote Capture and go to properties.
- Configure Save-Path to “Archivist Speedster/New”
- On the EOS Remote Capture main screen, right click on RAW to open a drop down menu. On the drop down, select the quality of image desired. For this implementation, we recommend the M-fine option to balance processing speed and quality.

Note: This only needs to occur upon first installing the Archivist Workstation.

3. Initiate the batch file that looks for new images and captures QR code images. (Make sure all equipment is plugged in, you are connected to the internet, and the webcams are lined up with their respective QR codes.)

- Double-click *sendKeys.bat* file in “Archivist Speedster”
 - Optional: You may close the command window at any time and the processing will happen in the background.
 - To terminate this script, press Ctrl-C and then type Y and Enter on the command window.
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4. Initiate the Matlab code to process items and post to server.

- In “Archivist Speedster,” open *control.m* with Matlab.
- When Matlab is fully open and initialized, press run in the editor (or the F5 key) for *control.m*
- Do not close out of Matlab as the process will not occur in the background. Simply minimize Matlab.
- To end the Matlab script, press Ctrl-C in the Matlab command window.

5. Begin capturing images.

- Minimize all windows except EOS Remote Capture.
- Hover the mouse pointer over the capture button on the EOS Remote Capture software.
- Turn off the wireless mouse so as not to accidentally move the pointer's location on the screen.
- Optional: Turn off the computer monitor as it is no longer necessary until imaging is complete.
Do not turn off the computer itself.