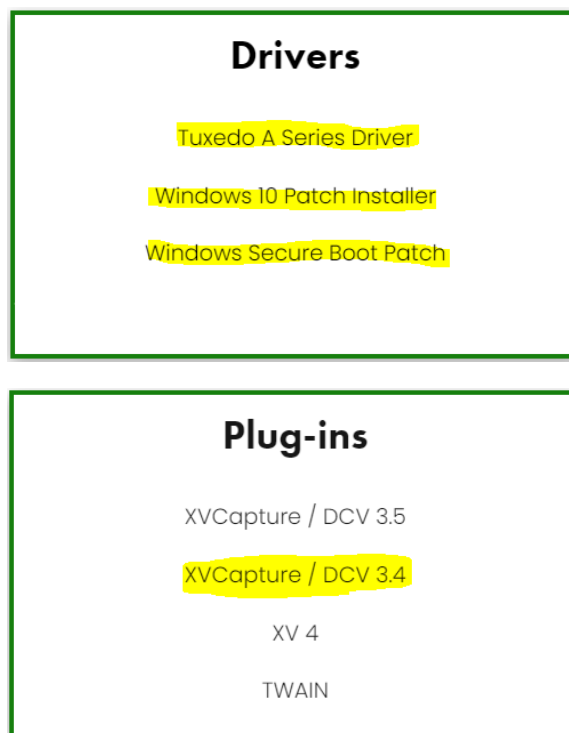# TUXEDO IMAGING

Instructions for Installation

Operating System: Windows 10 or 11

Imaging Program: XVCapture version 3.4 (and rebrands)
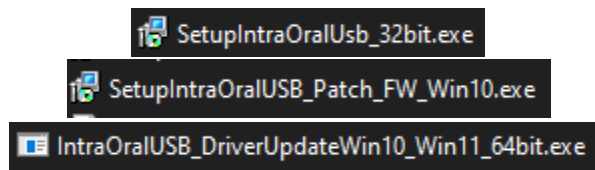
Files needed: (files can be found at www.tuxedoimaging.com under Support & Downloads)

- Tuxedo A Series Driver, Windows 10 Patch Installer, and Windows Secure Boot Patch
- XVCapture / DCV 3.4

Drivers

Tuxedo A Series Driver

Windows 10 Patch Installer

Windows Secure Boot Patch

Plug-ins

XVCapture / DCV 3.5

XVCapture / DCV 3.4

XV 4

TWAIN

Step 1: Ensure that the Tuxedo A Series sensor is **NOT** plugged into the PC.

Step 2: Install the Tuxedo A Series Driver, Windows 10 Patch, and Secure Boot Patch one after the other (*filenames seen below*)

SetupIntraOralUsb_32bit.exe

SetupIntraOralUSB_Patch_FW_Win10.exe
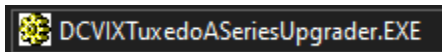
IntraOralUSB_DriverUpdateWin10_Win11_64bit.exe

This process may prompt for a restart of the PC, if that happens, restart the PC before moving forward.
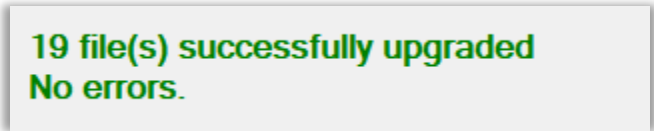
Step 3: Run XVCapture (or rebrand) **as administrator**, let the program open, and then close the program with the 'X' in the upper right-hand corner.
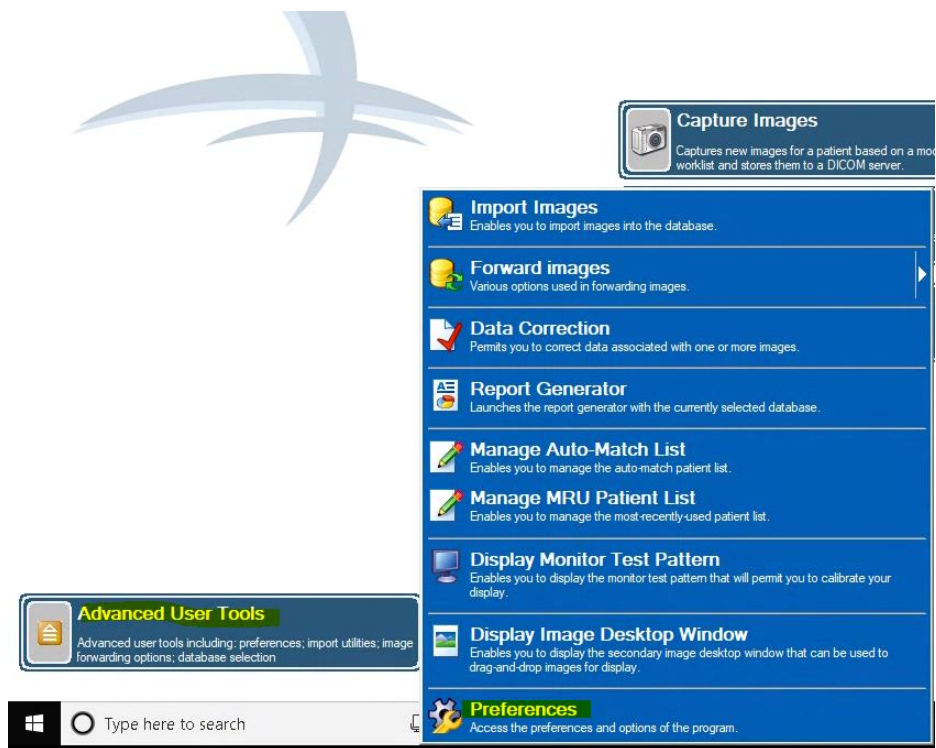
Step 4: Install the XVC Upgrader, by running it as Administrator. (*filename seen below*)

DCVIXTuxedoASeriesUpgrader.EXE

- Click "Next" in the installer window until, and "Yes to All" until "Finish" is no longer greyed out.
- Verify there were no errors.

19 file(s) successfully upgraded
No errors.

- Click "Finish"

- **Step 5:** Run XVCapture (or rebrand). Go to the XVCapture/DCV main screen and click **Advanced User Tools** in the lower left. Click on **Preferences** and input the default password *AKRON*.
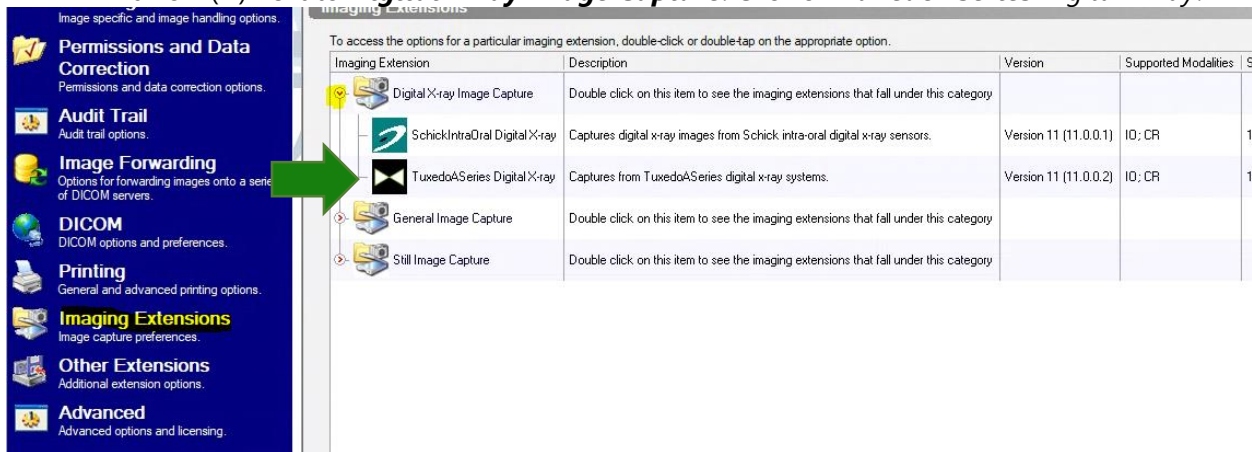
Enter User ID

User ID: admin
Password: •••••

OK — Accept the ID and continue.
Cancel — Cancels the current operation.

I forgot the password!

- Select **Imaging Extensions** down in the blue section on the left and click on the little red arrow (**>**) next to ***Digital X-ray Image Capture***. Click on ***TuxedoASeries*** *Digital X-ray*.

- Adjust the image quality screen as seen below, and <u>then</u> click on the **Modify Post Capture Filters** to go to the next section.

Double click on the Gamma Correction to adjust the Factor. If there are any other items in the Filters box, right click on each one and use "Delete Selected Filter" to remove it so that only Gamma Correction remains.

Step 7: On the left-hand side menu, click **Hardware Settings** and make the adjustments as seen below.

Miscellaneous Hardware Options

☐ Show switch sensor button   ☐ Enable logging
☐ Close hardware between each capture   ☐ Close hardware between each progression
☒ Make corners black   ☐ Auto rearm
☐ Enable image binning   Hardware Timeout: 300
☐ Enable underexposure detection

Xray Detection Options

Detection Mode: XVIS detection   XVIS detection threshold: 250 mV

Acquisition Options

Integration Mode: Max between TWI and X det   Integration Time (ms): 3000

Gain: 1.5
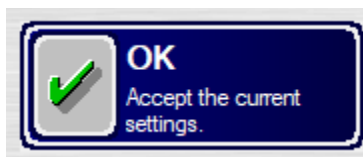
Chain Options

Chain offset: Computed by COC   Manual chain offset (mV): 0

Correction Options

☒ Enable image correction (change will take effect when the hardware is opened next time)

Correction Files Path:

Step 8: Press **OK** until you are back to the main screen.

OK
Accept the current settings.

Step 9: To obtain the calibration files for your Tuxedo sensor, please contact Tuxedo Imaging support.