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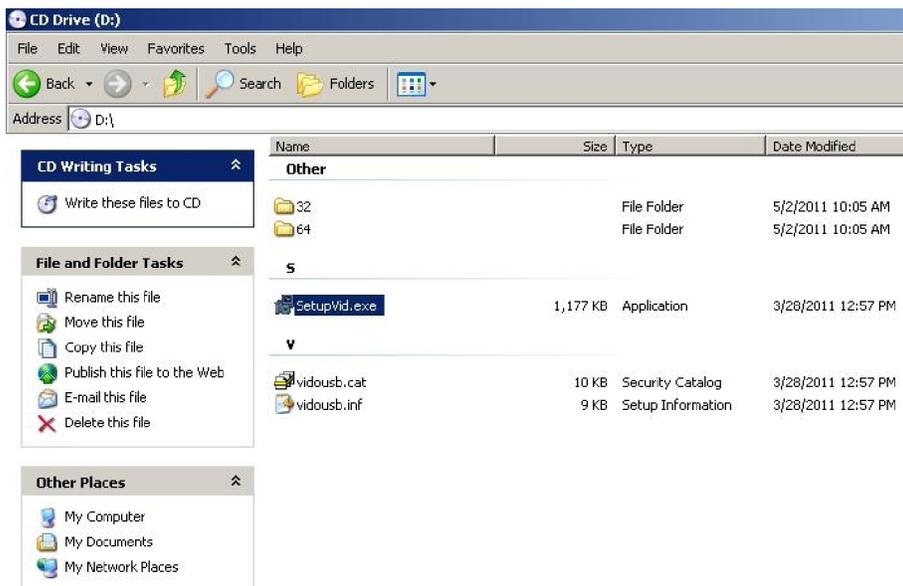
**DSX Access Systems, Inc.**

## DSX-USB Badging Camera

### DSX-USB Badging Camera Installation

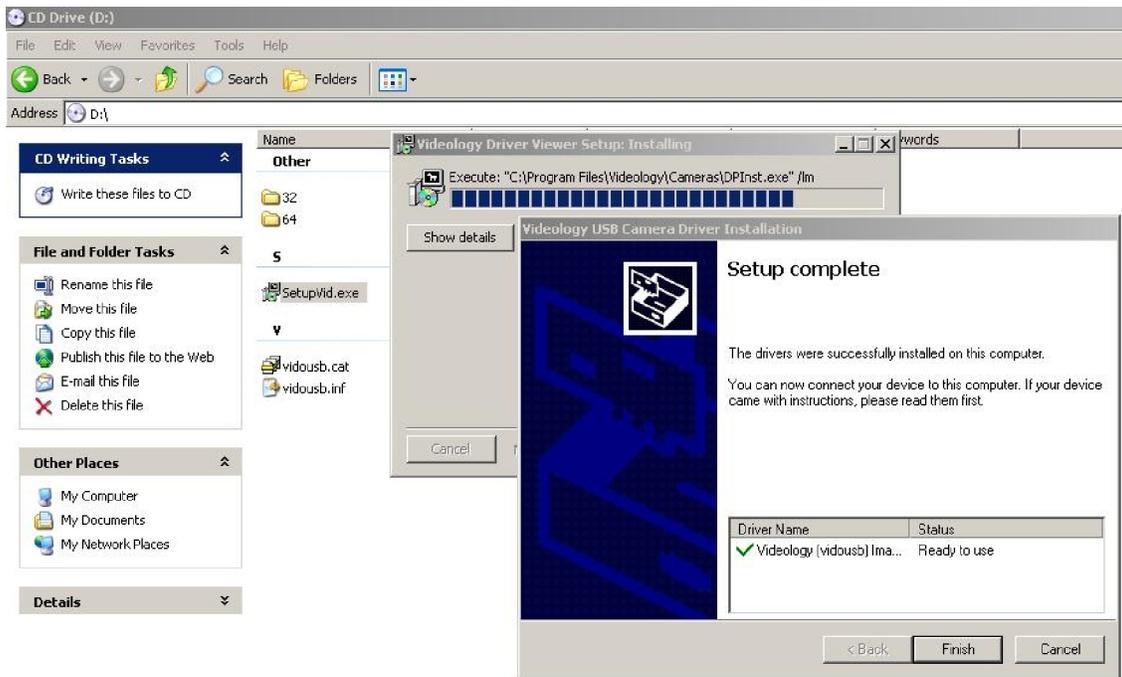
The information below describes how to install and configure the camera for taking photos in the WinDSX software. **Do Not Plug in the Camera !** There are two CDs accompanying the camera. The USB Viewer software is always loaded and it is recommended that you load the TWAIN driver off of the second CD. This camera requires: WinDSX 3.7.130 / 4.8.87 or higher and DotNet 4.0 or better.

1. Insert the Videology Viewer Software CD. Navigate to the Setup program and double click on "SetupVid.exe".

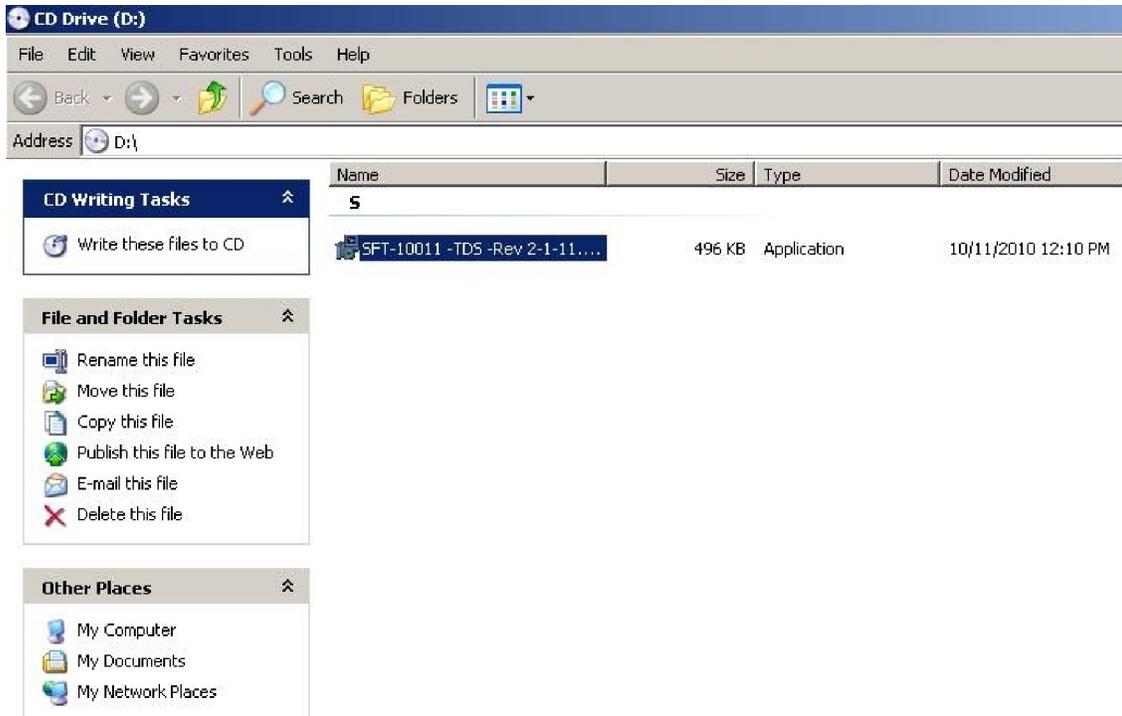


2. Accept or change the destination folder and click on "Install". When the *Welcome* screen appears click on "Next".
3. If you receive a warning about the driver – Select "Continue Anyway".

- When the installation process shows *Setup Complete* – click on “Finish” and then on “Close”.

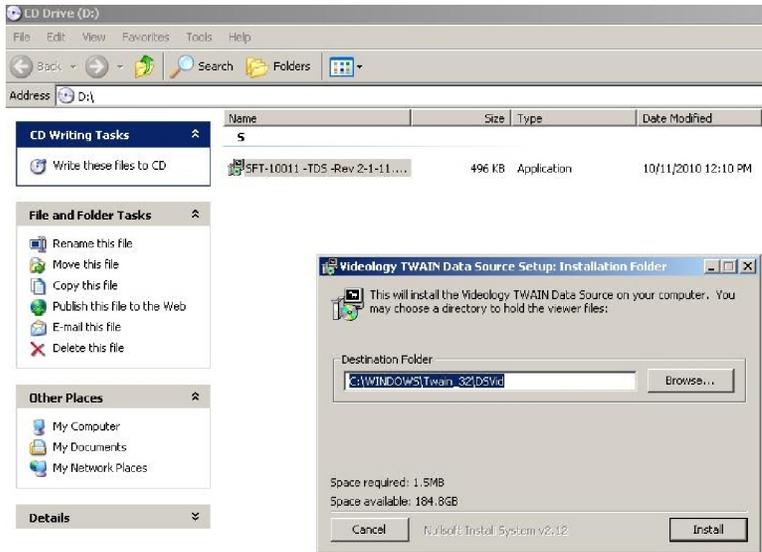


- Remove the first CD and insert the second CD into the drive and navigate to it.

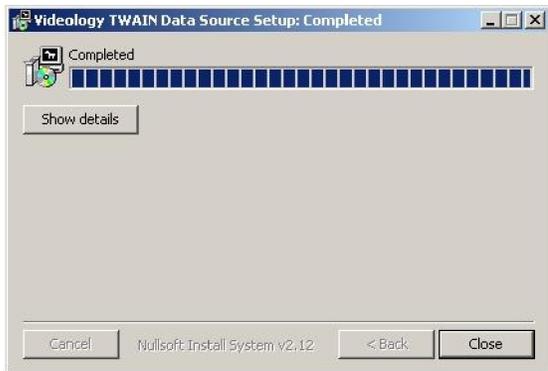


- Double click on the TWAIN driver and allow it to install.

7. Let the driver install to the default location – Click on “Install”.



8. When the TWAIN driver installation is complete click on “Close”.



9. Connect the Camera to an available USB Port on the Badging PC. With Windows XP, if the “Found New Hardware Wizard” appears select “No”, not at this time and click “Next”. Allow the Wizard to search the Windows folder and find the drivers just loaded.

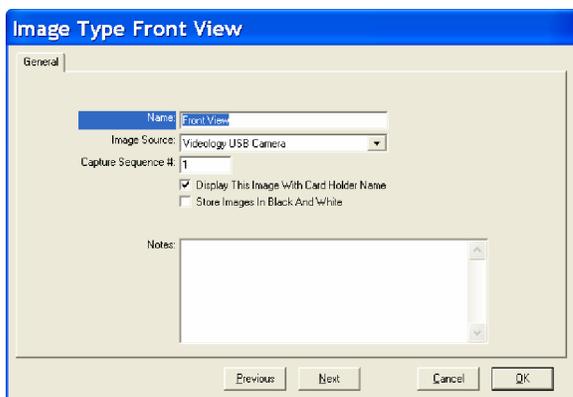


10. If you get a warning about the driver select “Continue Anyway”.
11. When the installation is complete Click on “Finish”.

12. In the WinDSX DataBase program select “System/Setup/Image Source”. Click on “Add New” and select “TWAIN”. The TWAIN Cameras available will be shown in the drop down list. Choose the new Camera just added. Set the “Image Stored As” to the file type the images should be stored as, and the “Compression Factor”. The Lower the Compression Factor the Higher the Image Quality. Click on “OK” to Save.

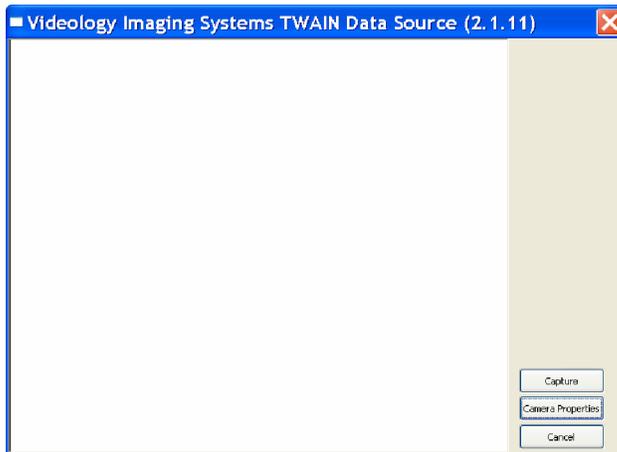


13. Under Location select “Badge Image Type”. Click on “Add New”. Select the “Image Source” just added into the system. Select “Display this Image with Card Holder Name”. Click on “OK” to Save.



14. Attach the Camera to the Tripod.
15. Place Camera 3.5 to 7 feet away from the subject. Camera lens should be approximately the same height as the subject’s nose.
16. A light grey backdrop is ideal behind the subject. Deep Blue is used for transparent backgrounds.
17. There should be ample lighting but nothing direct. Do not position subject under bright spotlight. The Cameras are configured for standard fluorescent lighting. **Avoid Sunlight, direct or indirect.**
18. Loosen the Lens focus lock screw and focus image and then retighten lock screw.

19. If you are unhappy with the images rendered or for areas with poor lighting select “Camera Properties” from the image capture screen.



20. Under Camera Properties you can experiment with Motion Stabilization, Shutter Speed and White Balance. It may take other changes depending on lighting and environment.  
*Caution: Note the default settings before making changes.*
21. Once your settings are optimized select “Apply” and then “OK”.

