

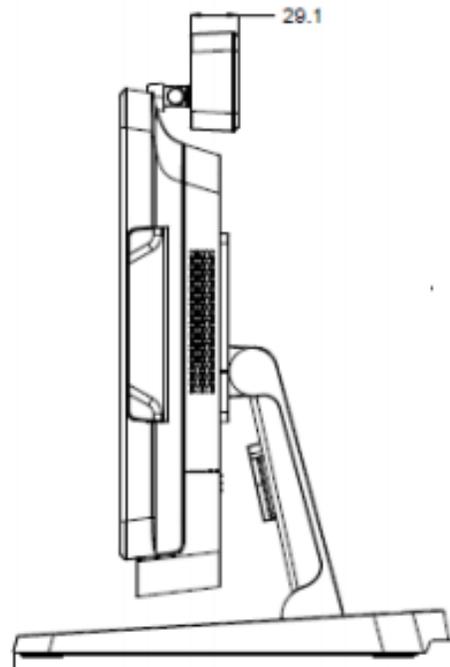
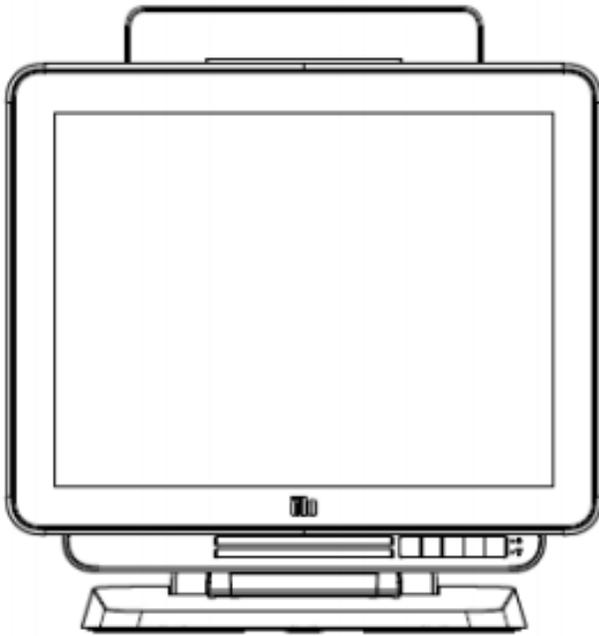


Elo Touch Solutions

Installing and Testing X-Series VFD Customer Display

TSXXXXXX Rev A

Solutions Architect of Technical Services



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About This Manual

This document guides the user through installing and testing the VFD Rear Customer display on the Elo X-Series AIO touchcomputer.

The intended audience of this document includes: IT engineers, system engineers, electrical engineers, and end-users.

If after reading through this guide, you still have questions or need help getting your system up and running, please contact an Elo Touch Solutions Technical Representative. www.elotouch.com

Tools Needed

The following hardware and software is needed:

Hardware:

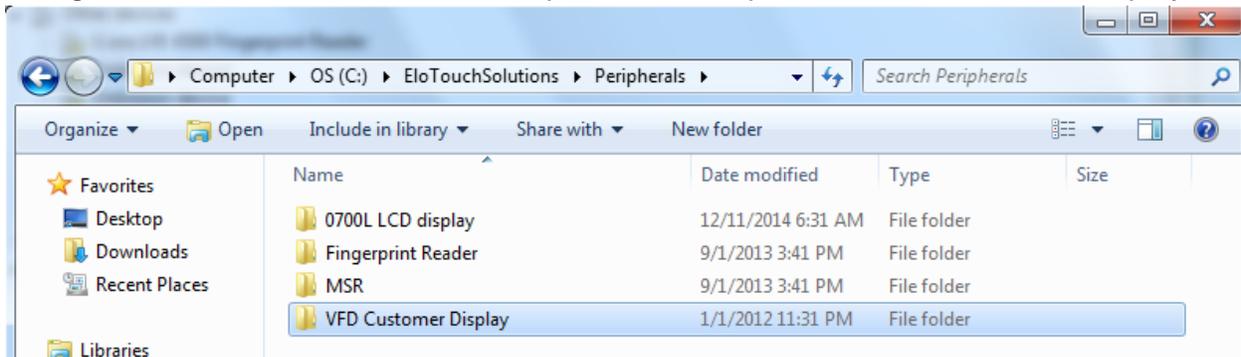
- Elo X-Series AIO Touchcomputer.
- Elo VFD Rear Customer Facing Display
- #2 Philipps Screwdriver

Software:

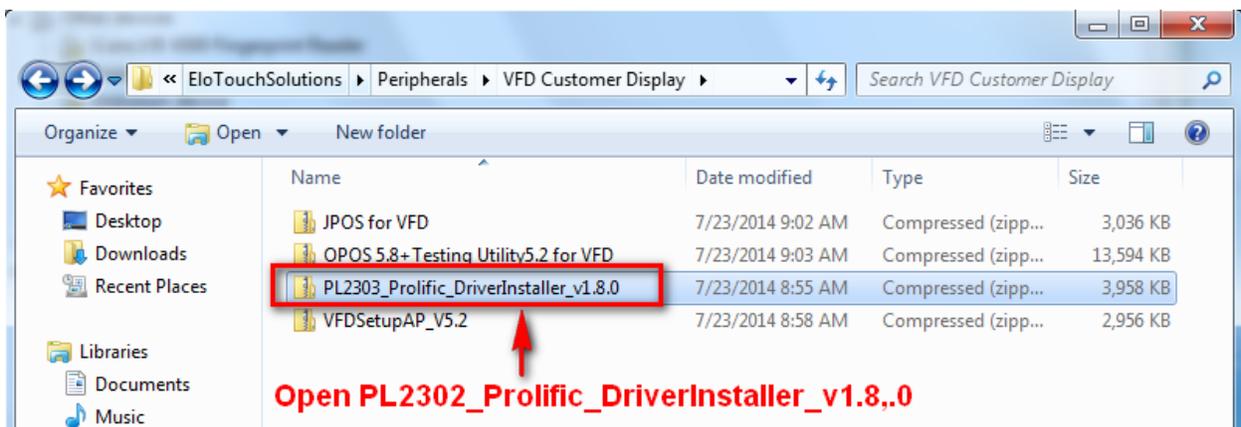
- Prolific PL203 Driver
- VFDSetupAp_V5.2

Procedure

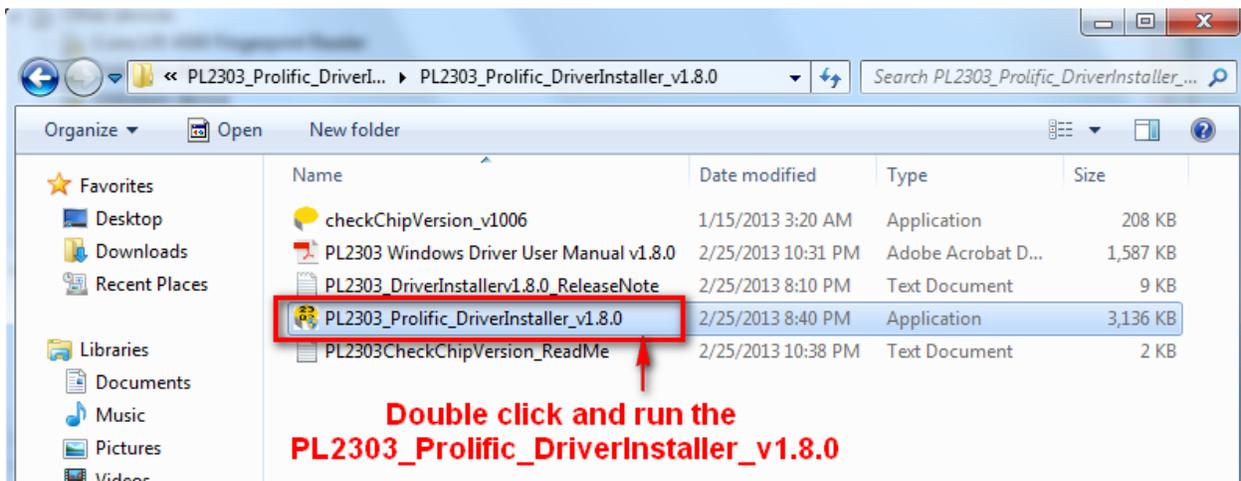
1. Navigate to C: EloTouchSolutions/Peripherals/ and open the VFD Customer Display folder.



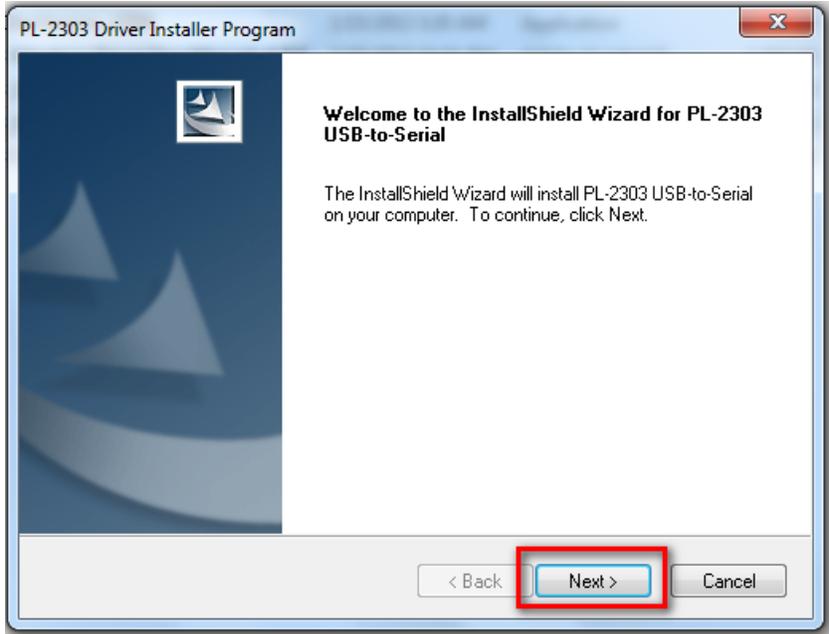
2. Extract and open the PL2302_Prolific_DriverInstaller.



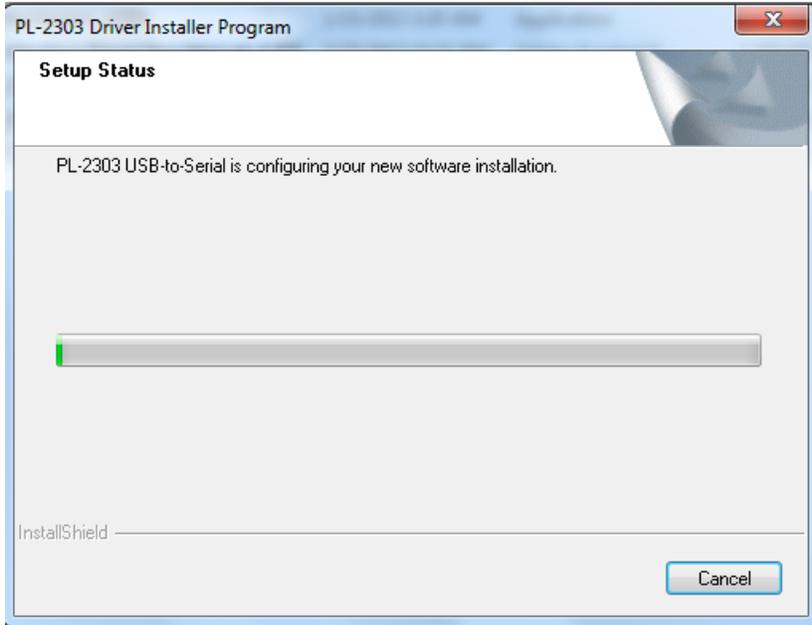
3. Double click and run the PL2303_Prolific_DriverInstaller application.



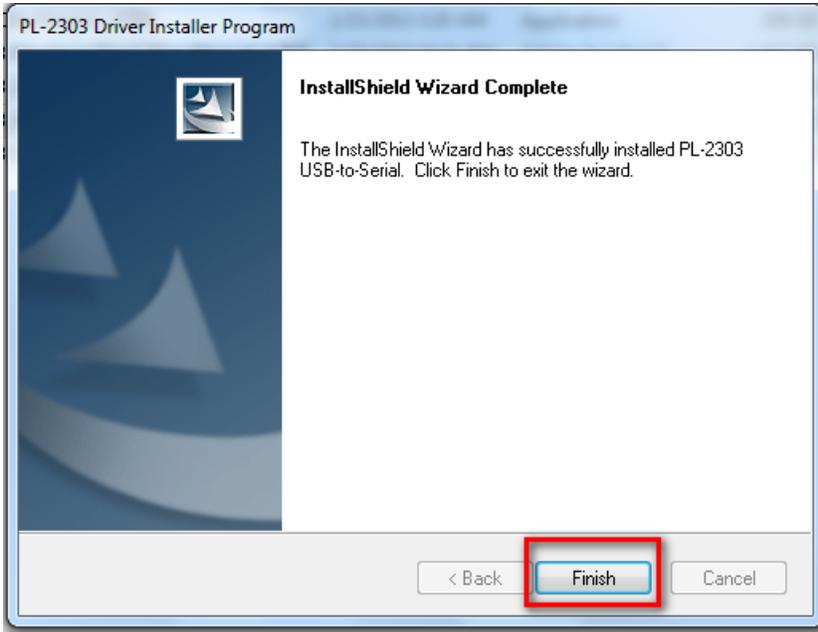
4. You will receive the following dialog box – choose “Next.”



5. The installer will begin the install process. This usually takes less than a minute.



6. When the installer completes, choose “Finish.”



7. After installing the driver, shutdown the X-Series AIO in order to install the VFD to the unit.

8. Remove the plastic accessory cover from top of X-Series and plug the VFD into USB slot, fasten with the two provided screws.





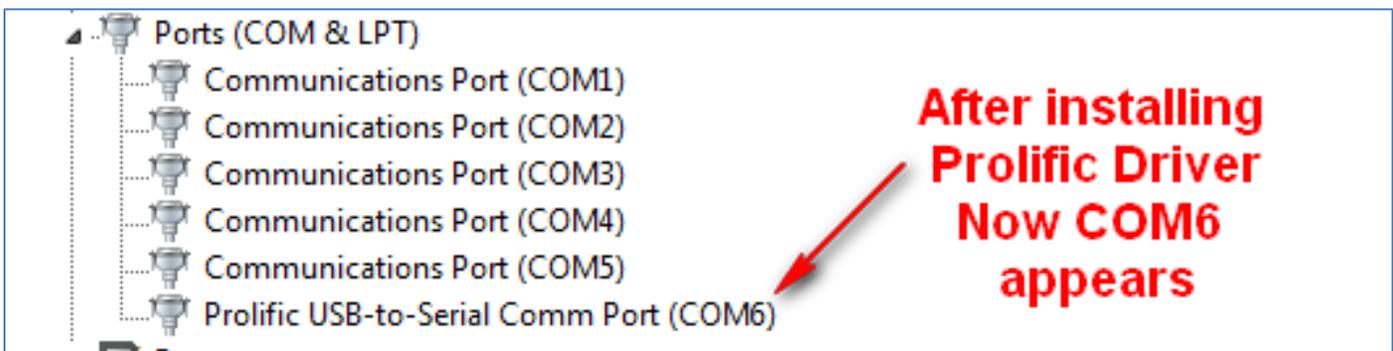
9. Press the power button on the X-Series AIO to startup computer. The VFD should be displaying the factory information that is already embedded into the firmware.



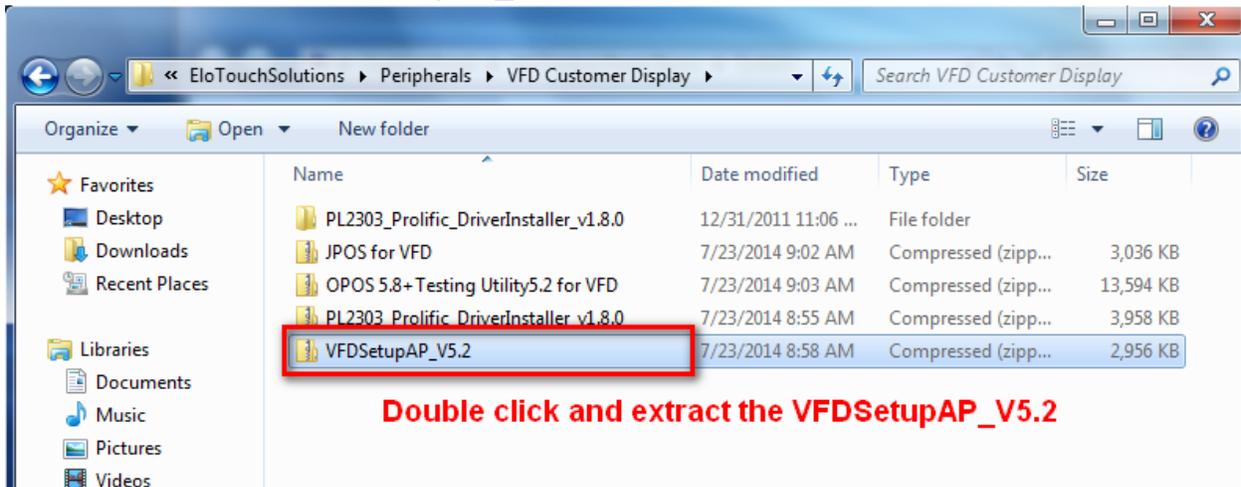
10. After restarting X-Series AIO, Windows should automatically finish installing the Prolific USB-to-Serial Comm Port.



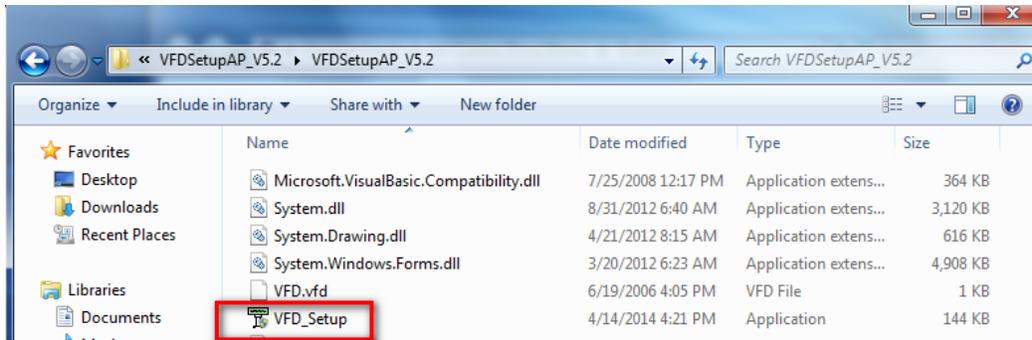
11. After Windows completes installation you can then go into the Windows Device Manager and see the new entry. In the example below it created COM6. This will be the comport that the VFD communicates through.



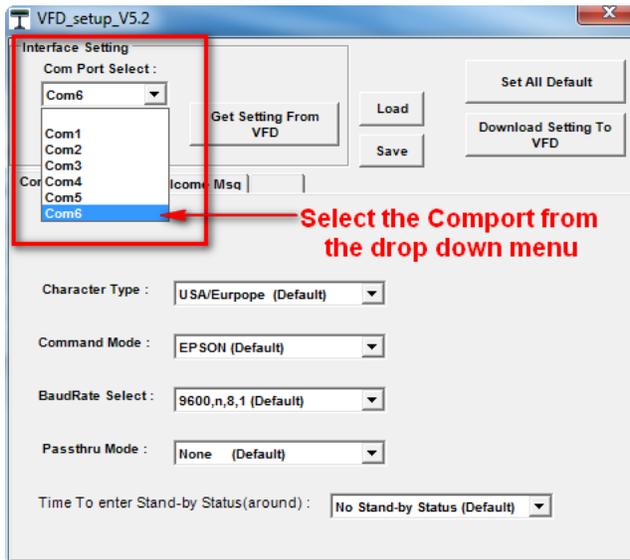
12. To test the VFD or to change the message, go to C: EloTouchSolutions/Peripherals, double click and extract the "VFDSetupAP_V5.2" file.



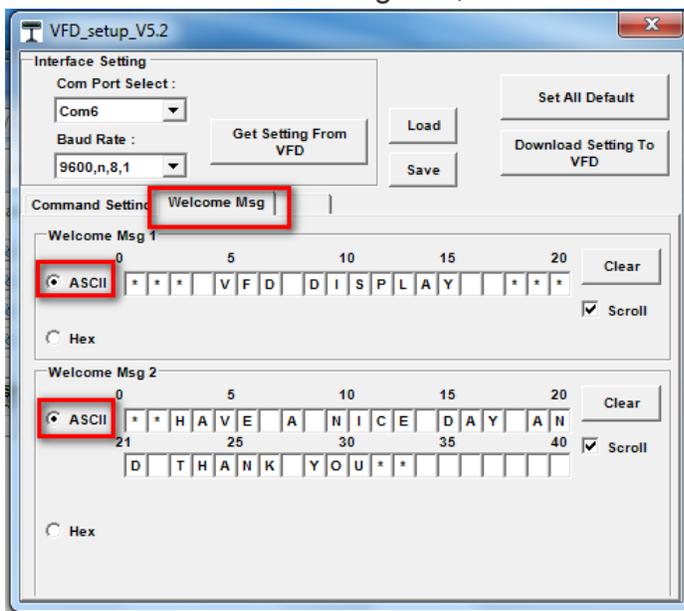
13. Double click and run the VFD_Setup.



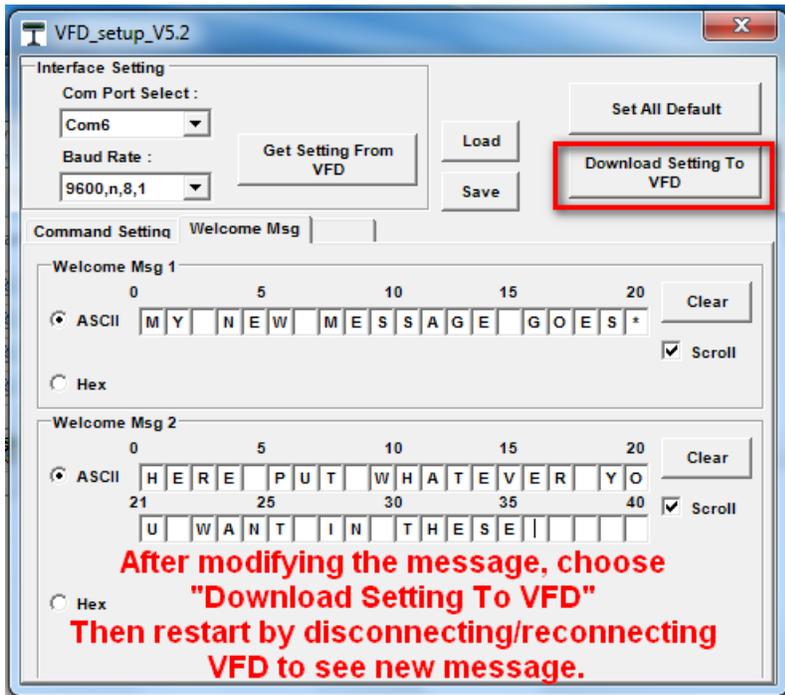
14. Choose the comport from the Com Port Select menu.



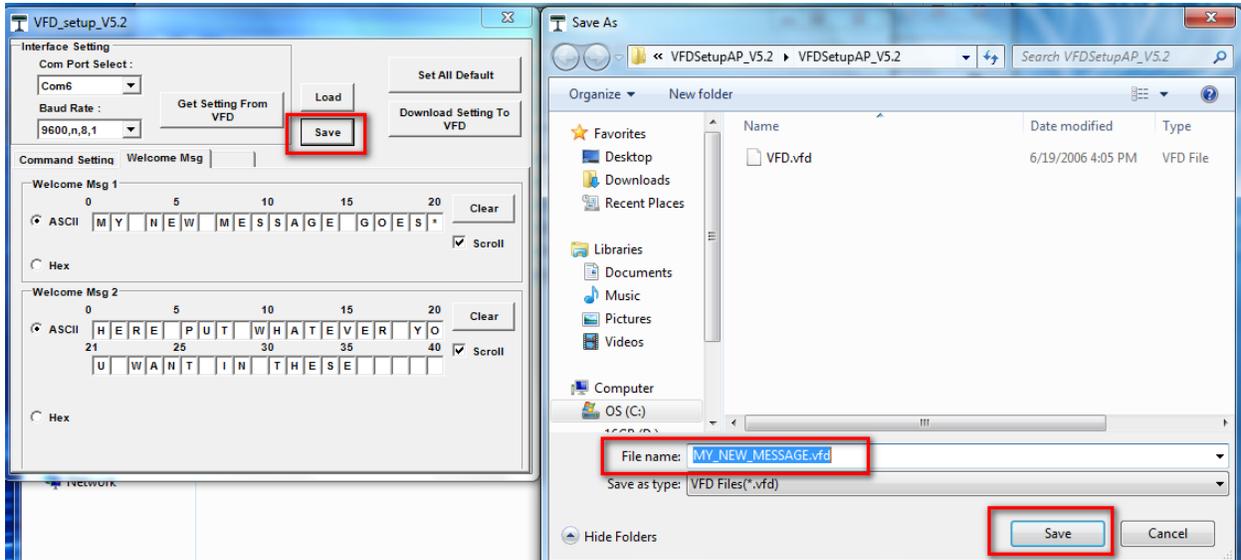
15. Click on the “Welcome Msg” tab, select “ASCII” in the Welcome Msg 1 and Msg 2 section.



16. Change the Welcome messages to whatever is desired and then select “Download Setting To VFD”. NOTE: You must restart the VFD by disconnecting/reconnecting the customer display from the X-Series AIO. This must be done before the new message will display on the screen.



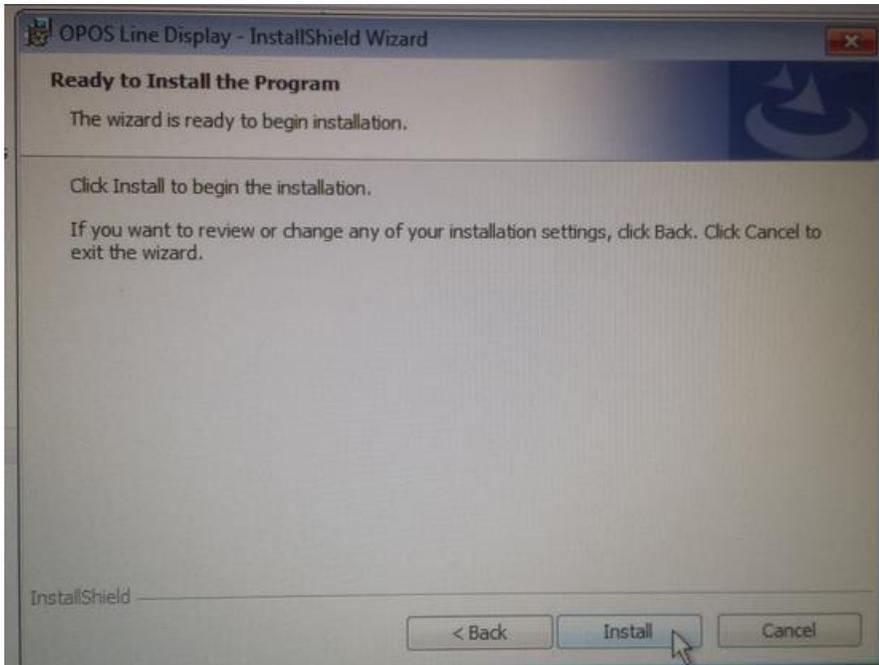
17. If you want to save the new message to be used later, simply click on the “Save” button, name the file and save it to a location on the AIO.



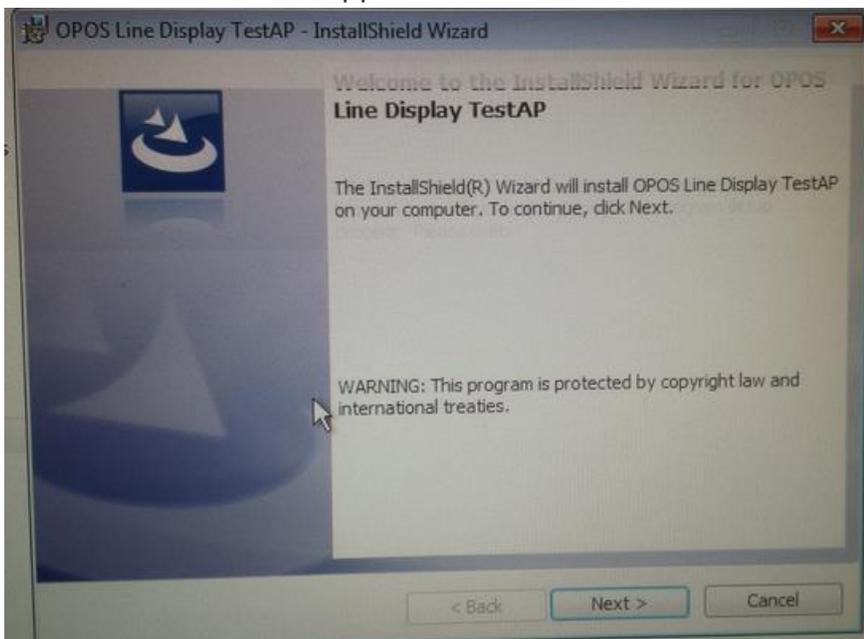
OPOS Driver installation and Testing

The remainder of this procedure is only for installing OPOS drivers and testing with the OPOS test app. If you do not use OPOS please disregard the rest of this procedure.

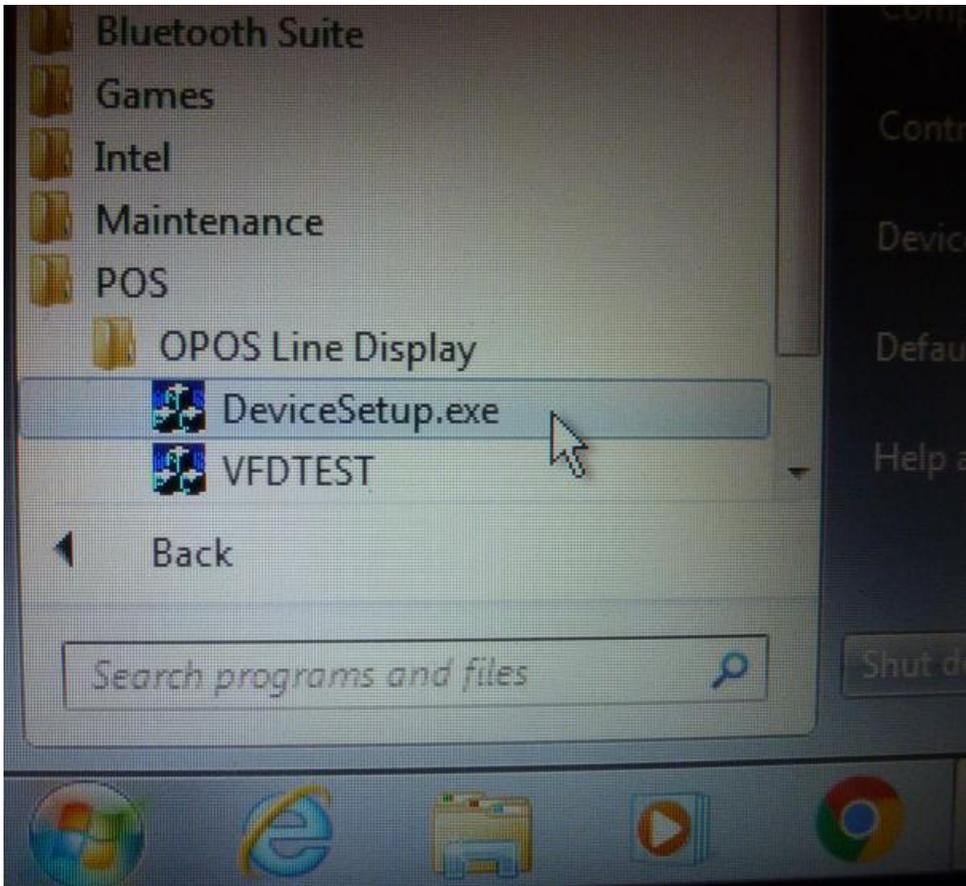
1. Install the OPOS Driver: **VFDOPOSSetup_v5.8.exe** follow prompts on screen.



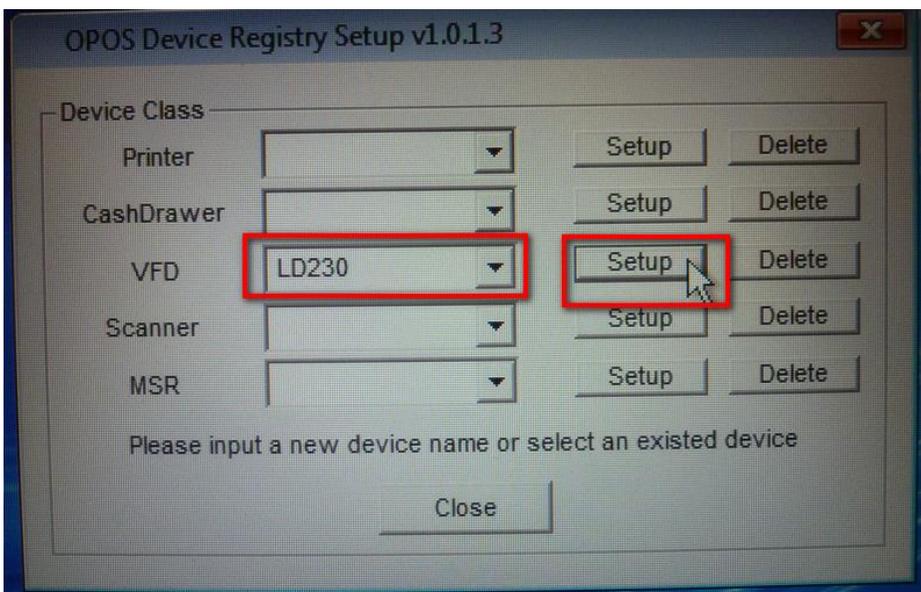
2. Install the OPOS Test App: **VFDOPOSTest_v5.2.exe** – follow prompts on screen.



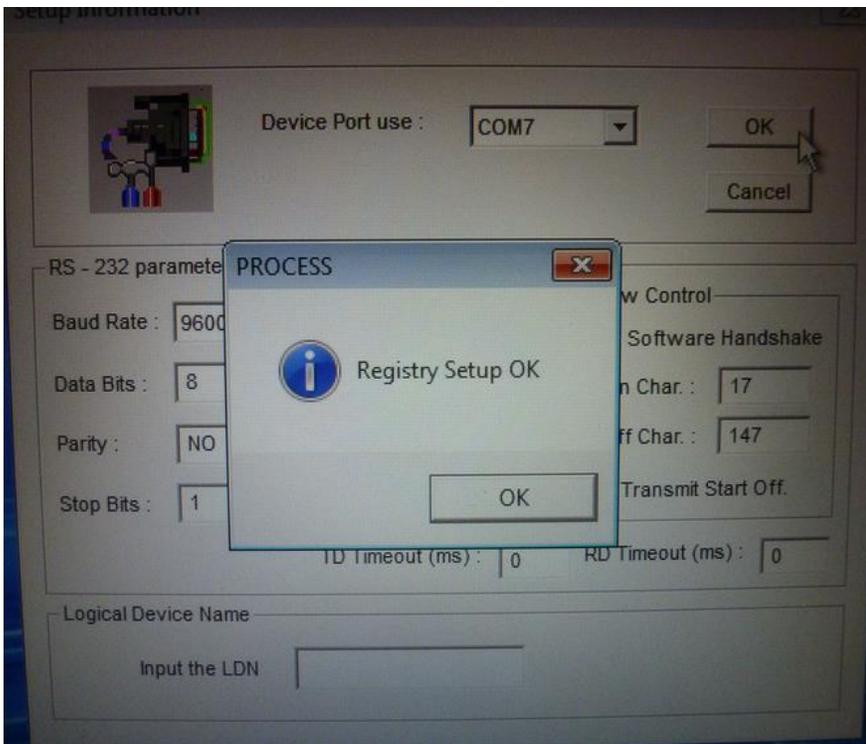
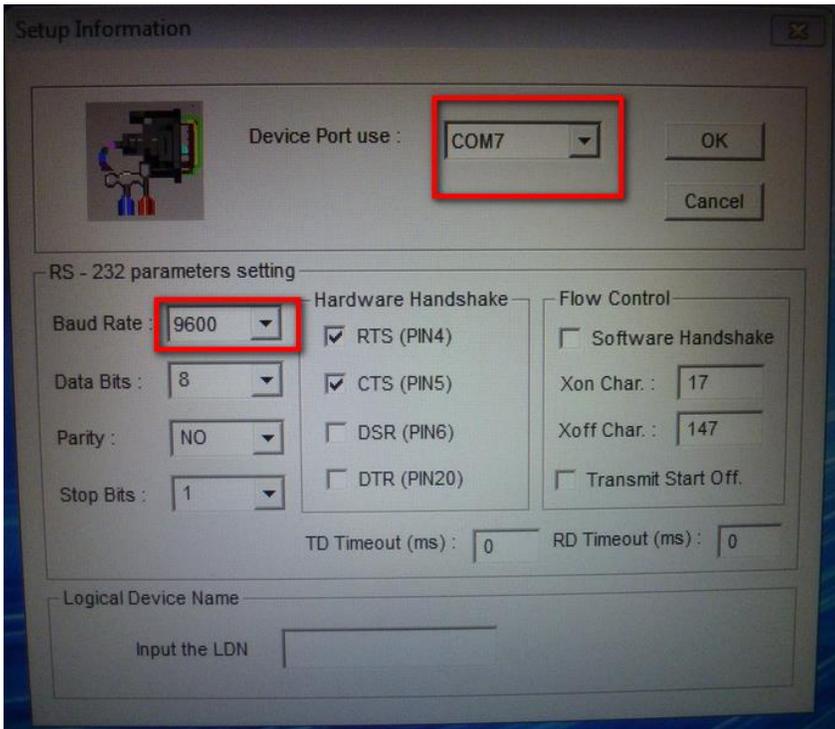
3. After the driver and test app are installed you will find a shortcut to them in your Windows Start menu underneath a folder named: "POS". Click on the "DeviceSetup.exe"



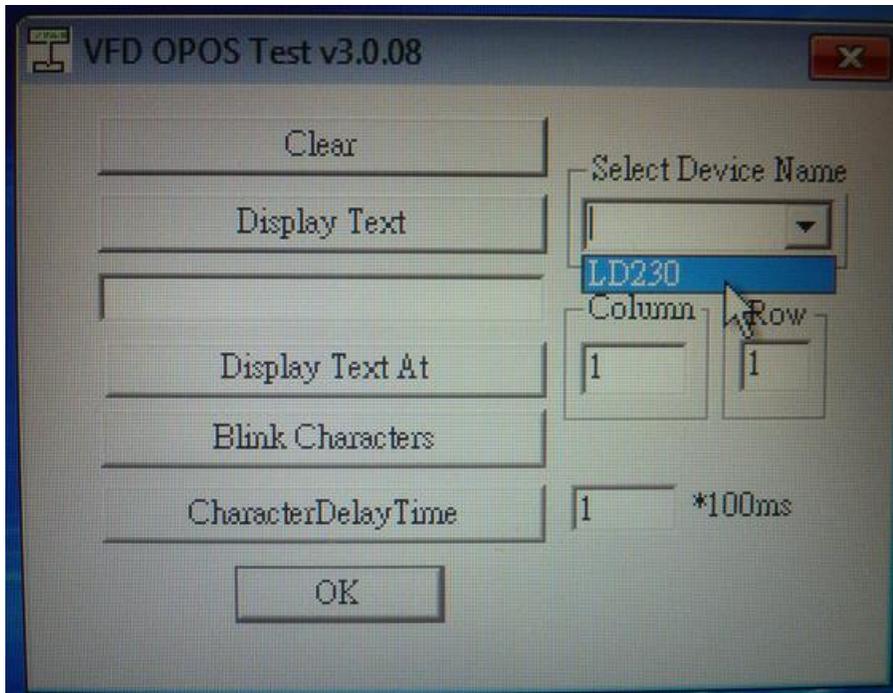
4. Enter the Device Name "LD230" in the VFD section and then choose "Setup"



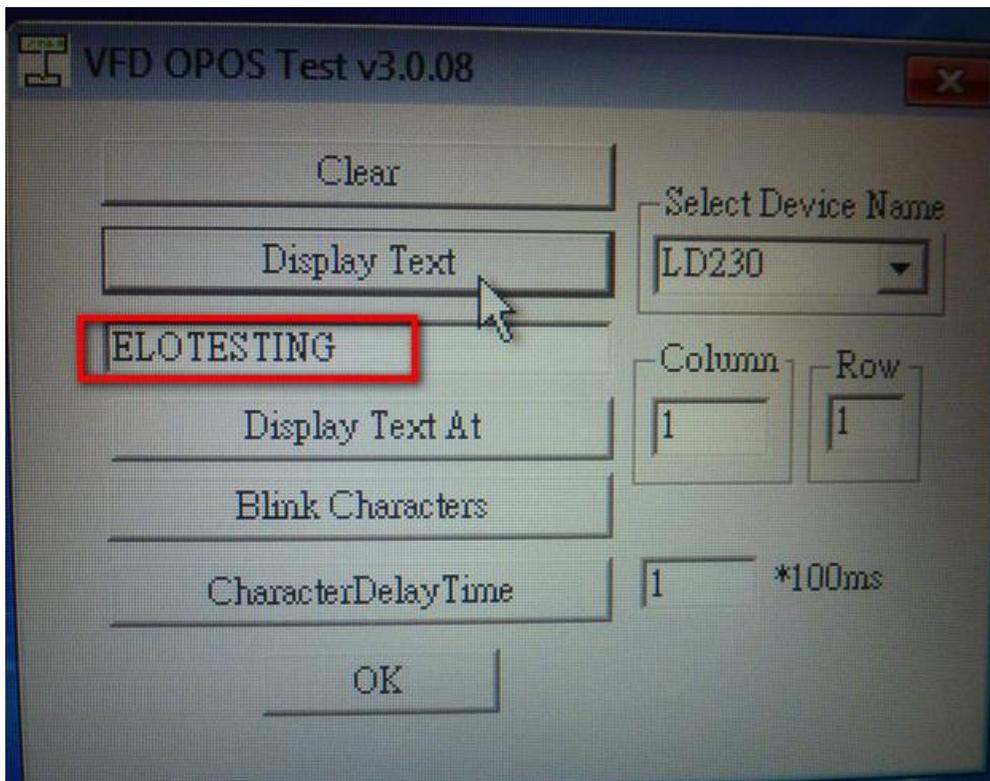
5. Choose the correct comport that was created in the VFD driver installation at the beginning of this procedure. In this instance it is COM7. Change the Baud Rate to appropriate BAUD rate, in this case it is 9600. Then choose "OK" and the OPOS driver will be written to the system registry.



6. Go to the Windows Start menu and choose the "VFDTEST" from the POS folder. When test app opens, choose the Device Name LD230 from the drop down menu.



7. Enter the desired text you want displayed on the VFD and then choose "Display Text".



8. The text should now be displayed on the VFD.



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