

# Installing the ELO WD2029 Pole Display

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This document provides step-by-step instructions for installing your ELO WD2029 Pole Display.

**\*\*\*Please leave the customer display disconnected from the computer until directed to connect it\*\*\***

The Driver files for the customer display can be downloaded from:

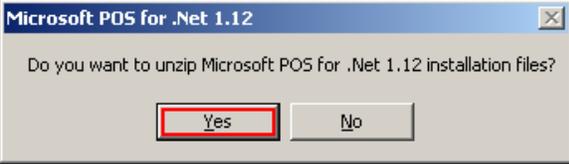
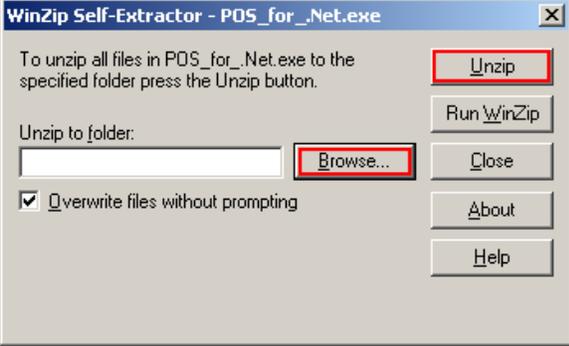
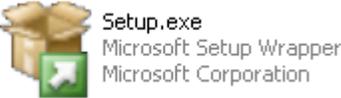
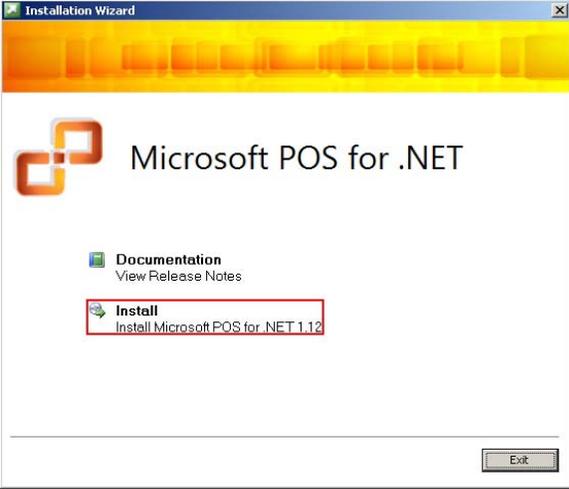
[http://download2.pcamerica.com/drivers/Manufacturer/ELO/ELO\\_WD2029.zip](http://download2.pcamerica.com/drivers/Manufacturer/ELO/ELO_WD2029.zip)

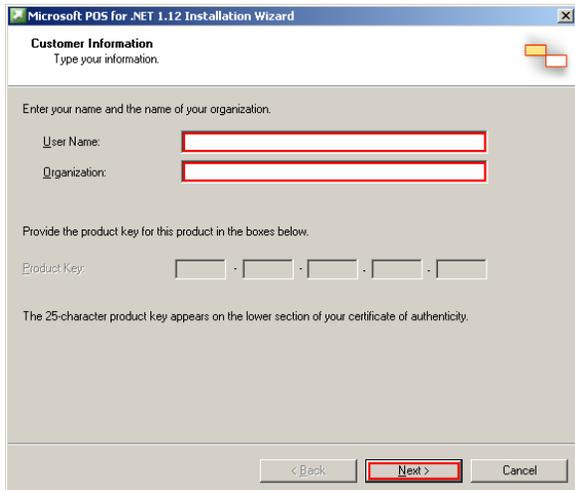
## Installing Microsoft POS for .NET

The installer for Microsoft POS for .NET can be downloaded at:

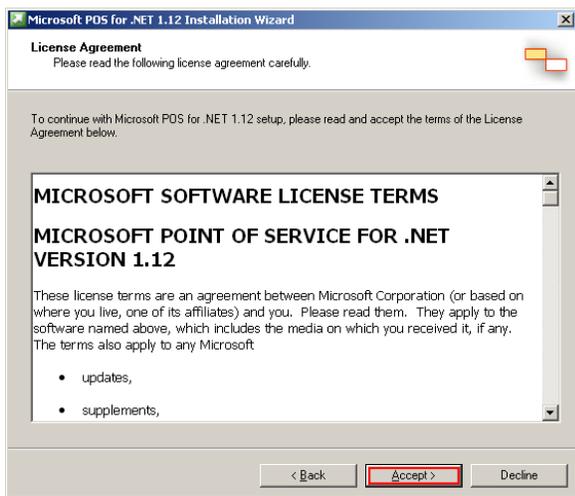
- [http://download2.pcamerica.com/drivers/POS\\_for\\_.Net.exe](http://download2.pcamerica.com/drivers/POS_for_.Net.exe)

Double-click the installer and follow these steps:

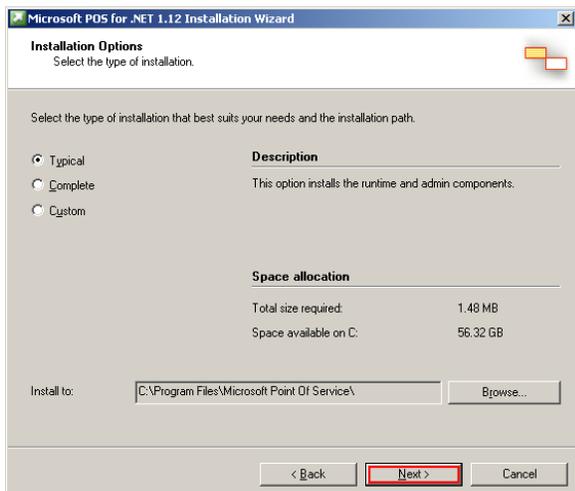
 <p>A dialog box titled "Microsoft POS for .Net 1.12" with a close button in the top right. The text inside asks, "Do you want to unzip Microsoft POS for .Net 1.12 installation files?". There are two buttons: "Yes" and "No". The "Yes" button is highlighted with a red rectangle.</p>	<ol style="list-style-type: none"><li>1. Select <b>Yes</b>.</li></ol>
 <p>A dialog box titled "WinZip Self-Extractor - POS_for_.Net.exe" with a close button in the top right. The text says, "To unzip all files in POS_for_.Net.exe to the specified folder press the Unzip button." Below this is a text field for "Unzip to folder:" followed by a "Browse..." button. There are several other buttons: "Unzip", "Run WinZip", "Close", "About", and "Help". The "Unzip" button is highlighted with a red rectangle.</p>	<ol style="list-style-type: none"><li>2. Select <b>Browse</b> and select a folder to unzip all files to.</li><li>3. Select <b>Unzip</b>.</li></ol>
 <p>An icon for a file named "Setup.exe" with a folder icon. The text below the icon reads: "Setup.exe", "Microsoft Setup Wrapper", and "Microsoft Corporation".</p>	<ol style="list-style-type: none"><li>4. Navigate to the folder containing the unzipped files.</li><li>5. Double-click on <b>Setup.exe</b>.</li></ol>
 <p>An "Installation Wizard" window for "Microsoft POS for .NET". It features a yellow and orange header. Below the header is the Microsoft POS logo and the text "Microsoft POS for .NET". There are two main options: "Documentation" (with a sub-option "View Release Notes") and "Install" (with a sub-option "Install Microsoft POS for .NET 1.12"). The "Install" option is highlighted with a red rectangle. An "Exit" button is at the bottom right.</p>	<ol style="list-style-type: none"><li>6. Select <b>Install</b>.</li></ol>



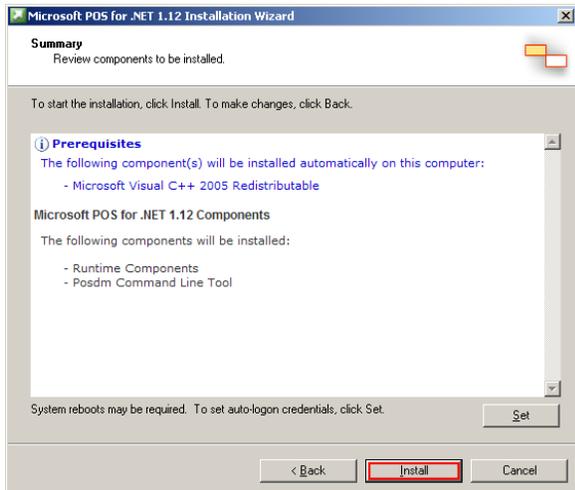
7. Provide a user name and organization.
8. Select **Next**.



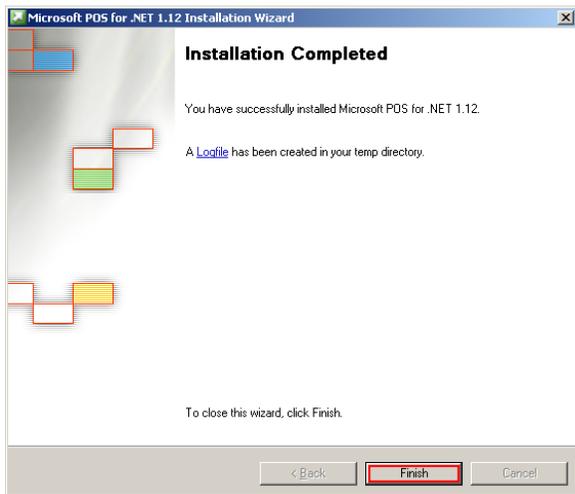
9. Select **Accept**.



10. Select **Next**.



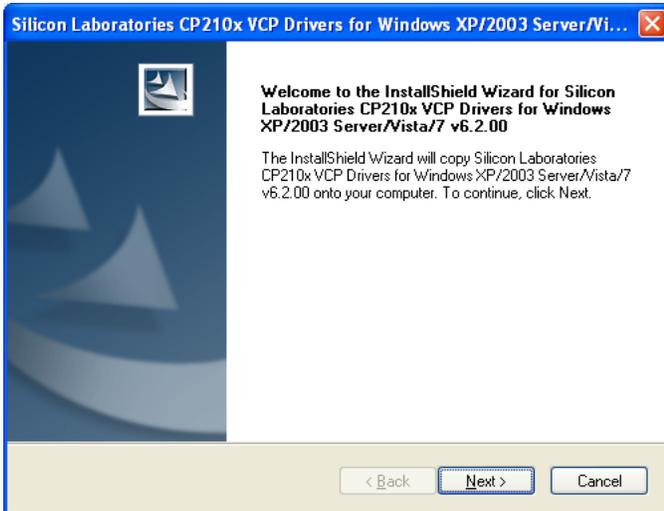
11. Select **Install**.



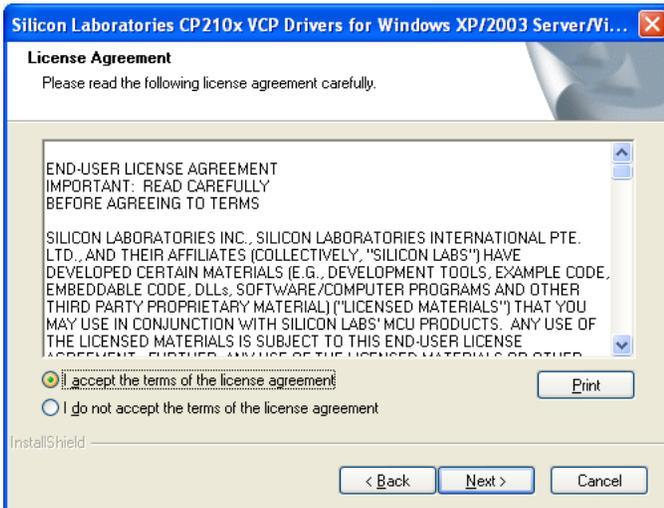
12. Select **Finish**.

## Installing the CP210x File

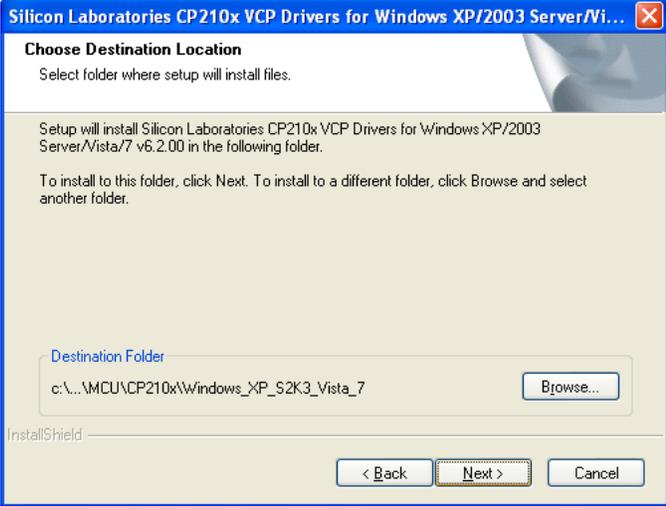
Double-click the **CP210x\_VCP\_Win\_XP\_S2K3\_Vista\_7.exe** file from the downloaded .zip file, and follow these steps:



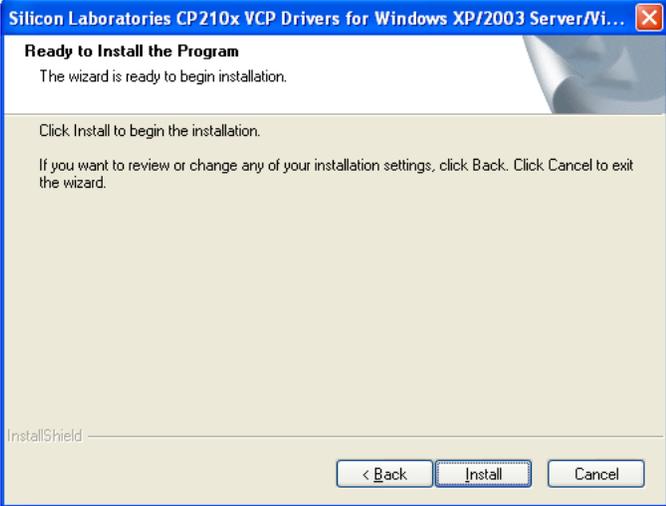
1. Select **Next**.



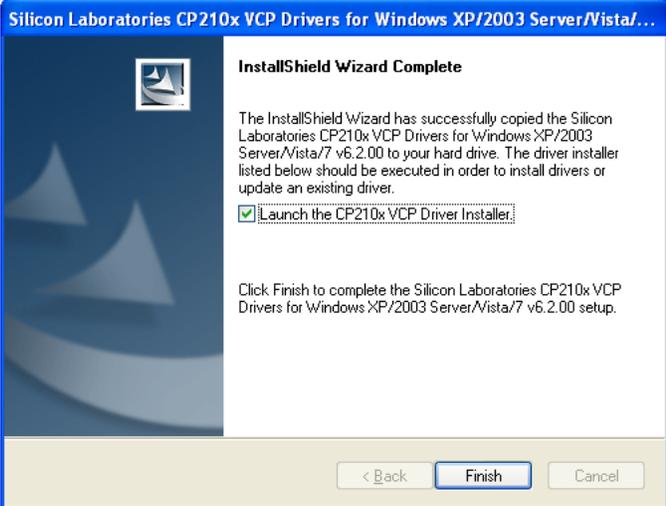
2. Select **I accept the terms of the license agreement**.
3. Select **Next**.



4. Select **Next** when asked to select a program folder.



5. Select **Install** in order to start copying files.

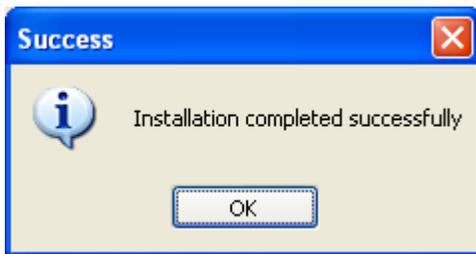


6. When the setup is complete, select **Launch the CP210x VCP Driver Installer**.

7. Select **Finish**.



8. Select **Install**.



9. Select **OK**.

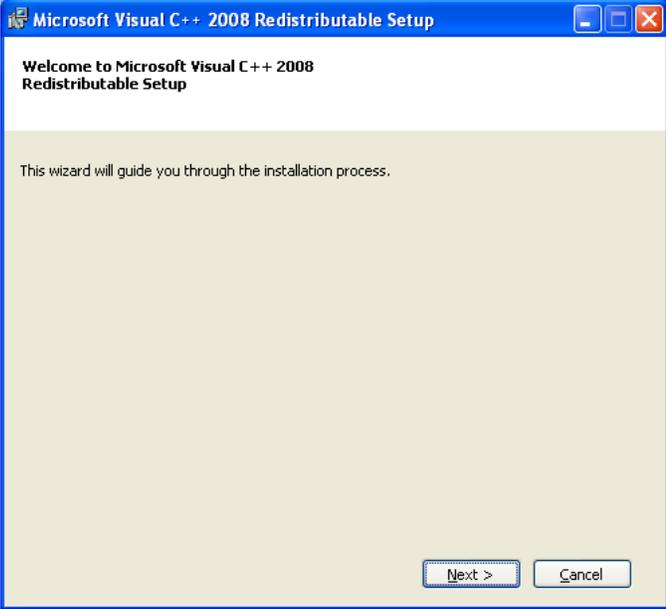
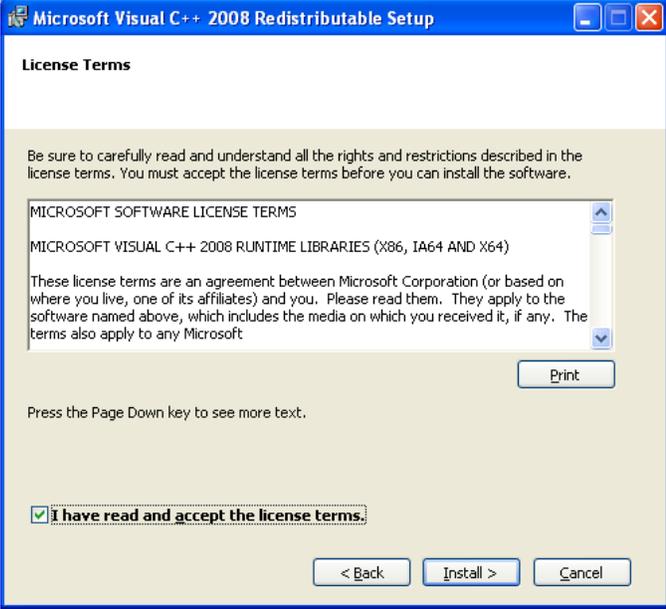
**\*\*\*At this point of the installation we will need to power down the computer and then connect the Customer Display, after this is done power on the computer and proceed to the next step\*\*\***

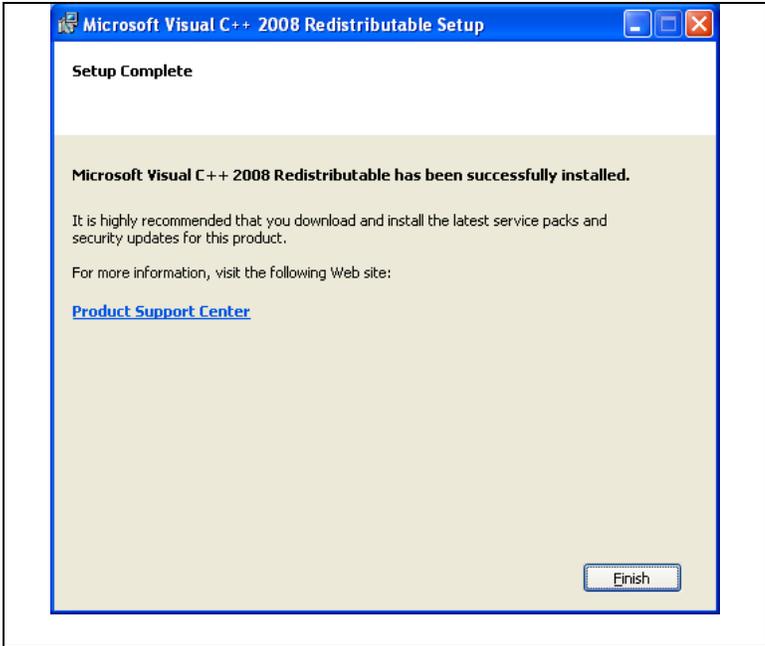
Instructions for installing the hardware can be downloaded from:

[http://media.elotouch.com/pdfs/manuals/B-Series\\_QIG\\_VFD\\_RFCD.pdf](http://media.elotouch.com/pdfs/manuals/B-Series_QIG_VFD_RFCD.pdf)

## Installing the vcredist\_x86 File

Double-click the **vcredist\_x86.exe** file from the downloaded .zip file, and follow these steps:

 <p>The screenshot shows the 'Welcome to Microsoft Visual C++ 2008 Redistributable Setup' window. The title bar reads 'Microsoft Visual C++ 2008 Redistributable Setup'. The main text says 'Welcome to Microsoft Visual C++ 2008 Redistributable Setup' and 'This wizard will guide you through the installation process.' At the bottom, there are two buttons: 'Next &gt;' and 'Cancel'.</p>	<ol style="list-style-type: none"><li>1. Select <b>Next</b>.</li></ol>
 <p>The screenshot shows the 'License Terms' screen of the 'Microsoft Visual C++ 2008 Redistributable Setup' wizard. The title bar reads 'Microsoft Visual C++ 2008 Redistributable Setup'. The main text says 'License Terms' and 'Be sure to carefully read and understand all the rights and restrictions described in the license terms. You must accept the license terms before you can install the software.' Below this is a scrollable text area containing the license terms for 'MICROSOFT VISUAL C++ 2008 RUNTIME LIBRARIES (X86, IA64 AND X64)'. A 'Print' button is located below the text area. Below the text area, it says 'Press the Page Down key to see more text.' At the bottom, there is a checked checkbox with the text 'I have read and accept the license terms.' and three buttons: '&lt; Back', 'Install &gt;', and 'Cancel'.</p>	<ol style="list-style-type: none"><li>2. Select <b>I have read and accept the license terms</b>.</li><li>3. Select <b>Install</b>.</li></ol>



4. Select **Finish**.

## Installing the WPLDSO2029v092 b0441 File

Double-click the **WPLDSO2029v092 b0441.exe** file from the downloaded .zip file, and follow these steps:

	<p>1. Select <b>Next</b>.</p>
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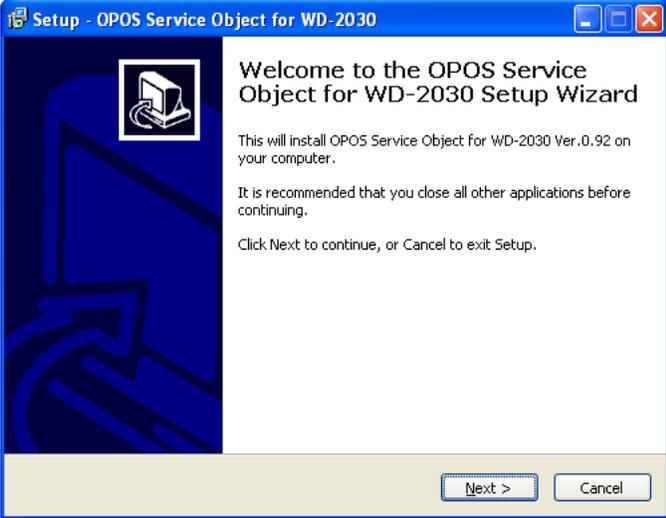
## Installing the WPLDSO2030v092 b0441 File

Double-click the **WPLDSO2030v092 b0441.exe** file from the downloaded .zip file, and follow these steps:

	<p>2. Select <b>Next</b>.</p>
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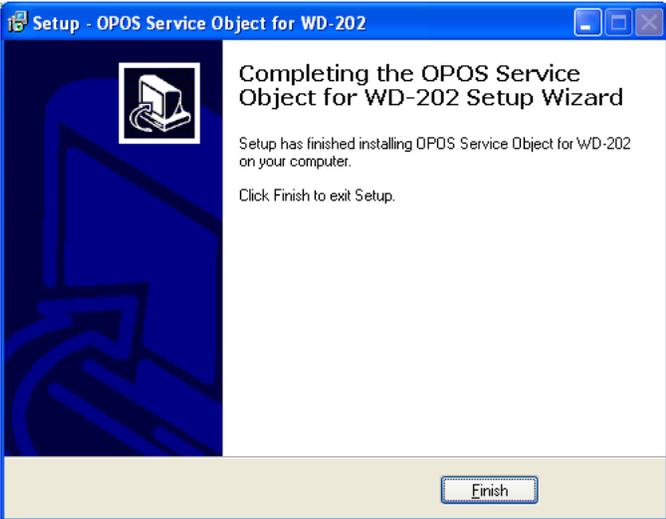
## Installing the LDSO2030v092 b0207 File

Double-click the **LDSO2030v092 b0207.exe** file from the downloaded .zip file, and follow these steps:

	<ol style="list-style-type: none"><li>1. Select <b>Next</b>.</li></ol>
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## Installing the LDSO\_202\_1006 File

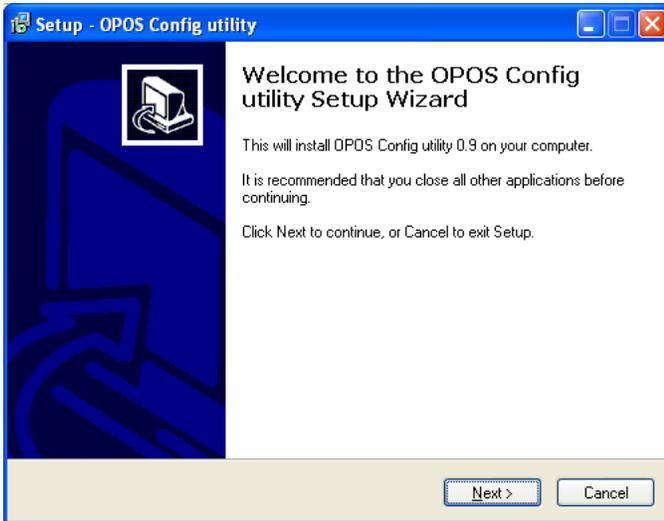
Double-click the **LDSO\_202\_1006.exe** file from the downloaded .zip file, and follow these steps:

	<p>2. Select <b>Next</b>.</p>
	<p>3. Select <b>Finish</b>.</p>

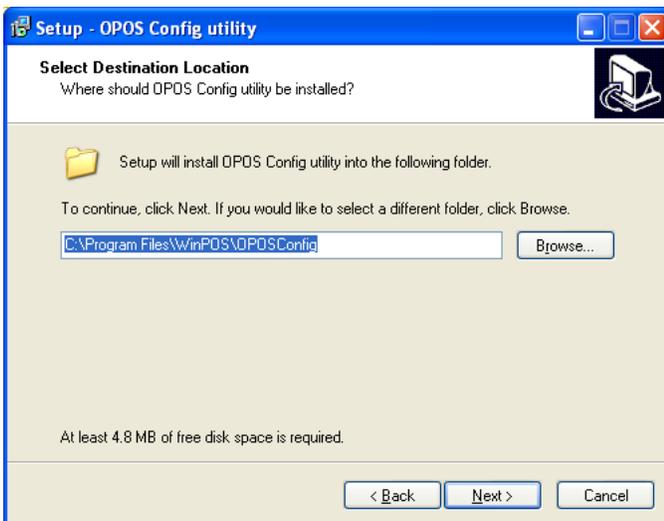
**\*\*\*At this point of the installation the computer that the pole display is connected to must be restarted\*\*\***

## Installing the OPOSConfig File

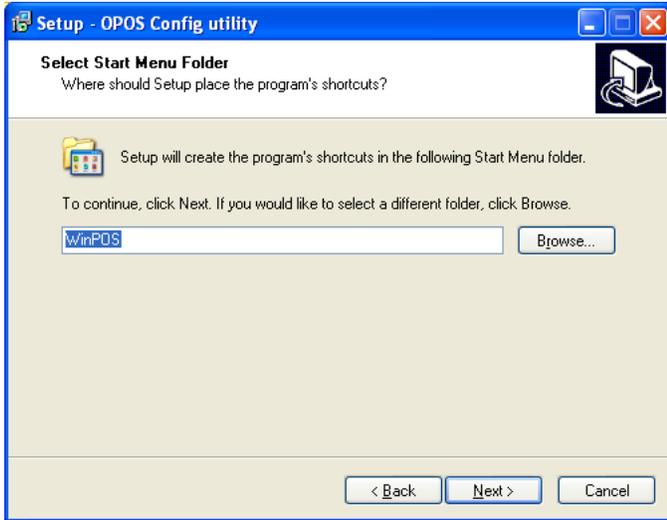
Double-click the **OPOSConfig.exe** file from the downloaded .zip file, and follow these steps:



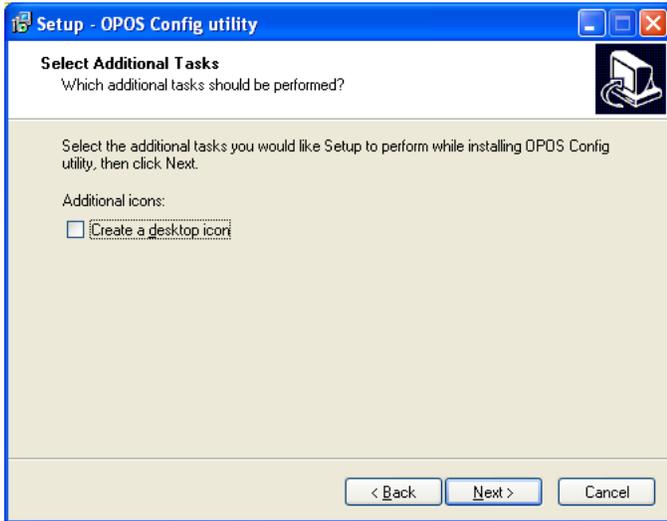
1. Select **Next**.



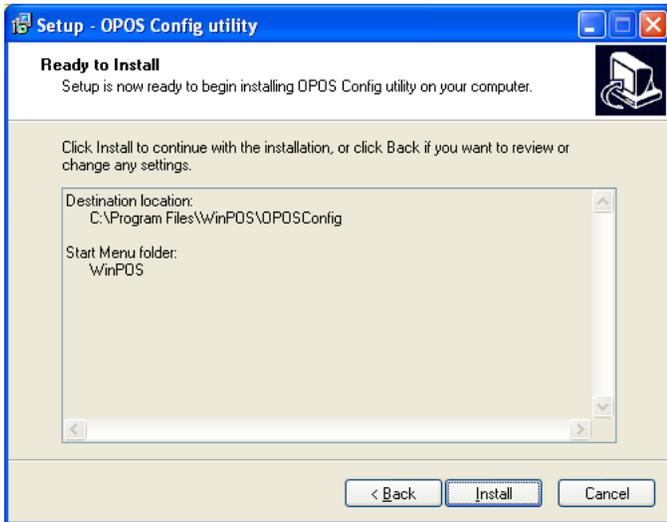
2. Select **Next** when asked to select a program folder.



3. Select **Next**.



4. Select **Next**.



5. Select **Install**.

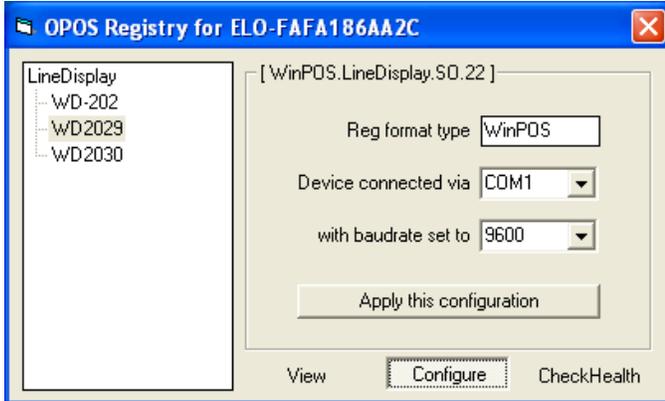


6. Select **Launch OPOS Config utility**.

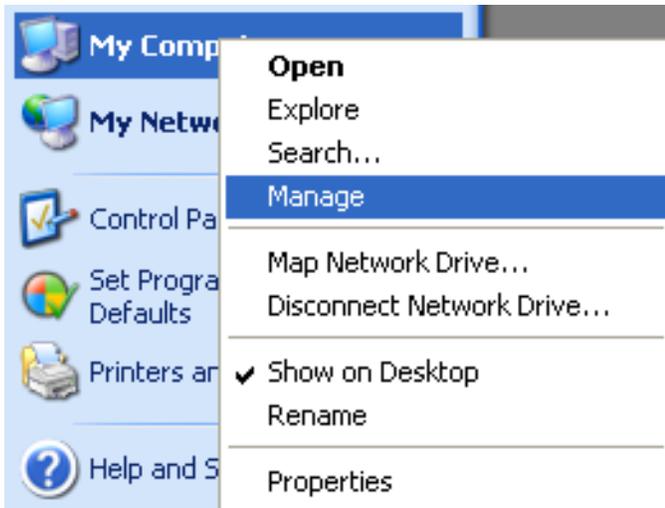
7. Select **Finish**.

## Configuring the Customer Display with the OPOS Configuration Utility

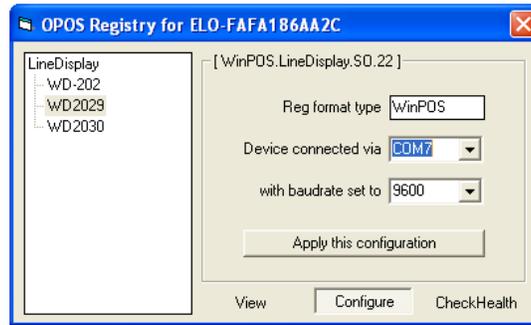
After the OPOS Configuration tool has opened please do the following:



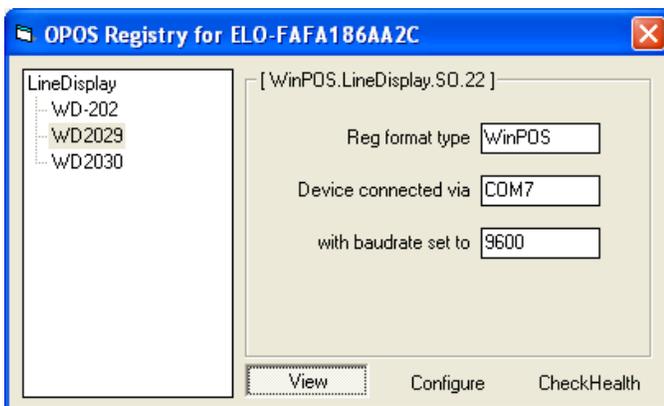
1. Select **WD2029**.
2. Select **Configure**.



3. In Windows select **Start** and right click on **My Computer** then select **Manage**.



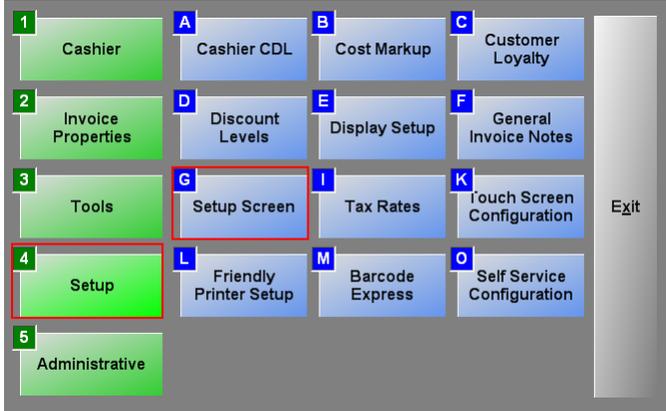
4. When at Computer Management select **Device Manager** and then the + that is to the left of Ports (COM & LPT).
5. Match the COM port number for Silicon Labs CP210x USB to UART Bridge from the device manager (in this example COM7), select **Apply this configuration**.



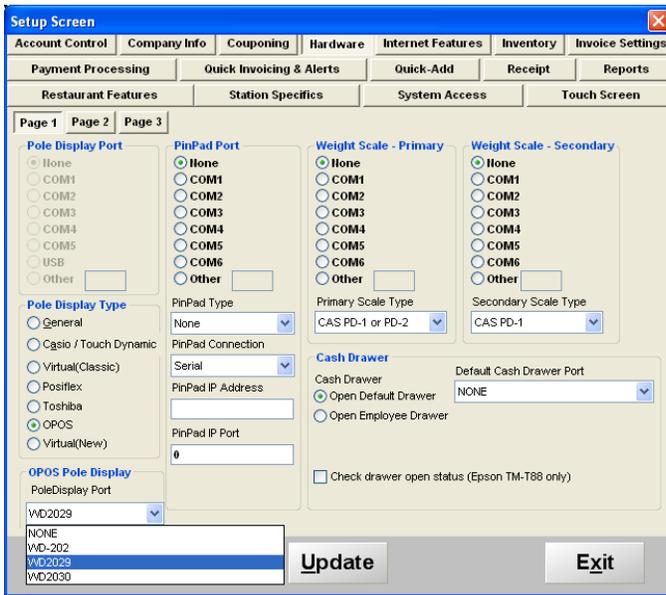
6. Select **View** to make sure the settings change to the correct COM port.

## Configuring CRE or RPE to communicate with the Customer Display

To configure CRE or RPE to communicate with the Customer Display, open CRE or RPE, select **Manager**, provide the requested credentials, and follow these steps.



1. Select **Setup**.
2. Select **Setup Screen**.



3. Select the **Hardware** tab.
4. Select **OPOS** as the **Pole Display Type**.
5. Using the dropdown under **OPOS Pole Display** select **WD2029** for the **PoleDisplay Port**.
6. Select **Update**