

USB Virtual Com Port

For use with CPU-XL Terminal Program

**includes the following versions of the Windows operating system: Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008, Windows 7, Windows Server 2008 R2 and Windows 8.*

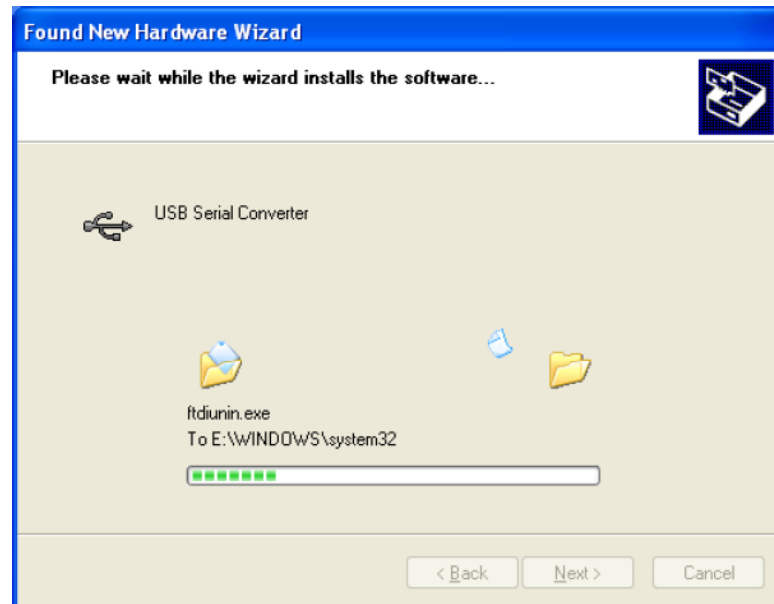
If you choose to communicate to the CPU-XL unit with your computer via USB port, please follow the instructions below.

1. Install the CPU-XL terminal Program. (The CPU-XL program will use this USB Port and the port only needs to be configured once)
For x86 (32-bit)
Product directory after installing our Terminal Program is C:\Program Files\Altronic CPU-XL VariSpark Ignition System Terminal
For x64 (64-bit)
Product directory after installing our Terminal Program is C:\Program Files (x86)\Altronic CPU-XL VariSpark Ignition System Terminal
2. Power up the CPU-XL unit and connect the unit via the USB receptacle on the back of the Display board (B-type) with a spare USB port on your computer (A-type).
3. Windows Found New Hardware Wizard will launch as shown below. For Windows XP SP2 configuration, the screen below is shown. Select "No, not at this time" from the options available and then click "Next" to Proceed with the installation.



4. Windows Found New Hardware Wizard found FT232R USB UART device, the screen below is shown. Select "Install from a list or specific location (Advanced)" and then click "Next".

5. Select "Search for the best driver in these locations". Check Include this Location in the search: and enter the file path in the combo-box "**C:\Program Files\Altronic CPU-XL VariSpark Ignition System Terminal\USBDRIVER**" or browse to it by clicking the browse button. Once the file path has been entered in the box, click next to proceed.
6. The following screen will be displayed as Windows XP copies the required driver files.

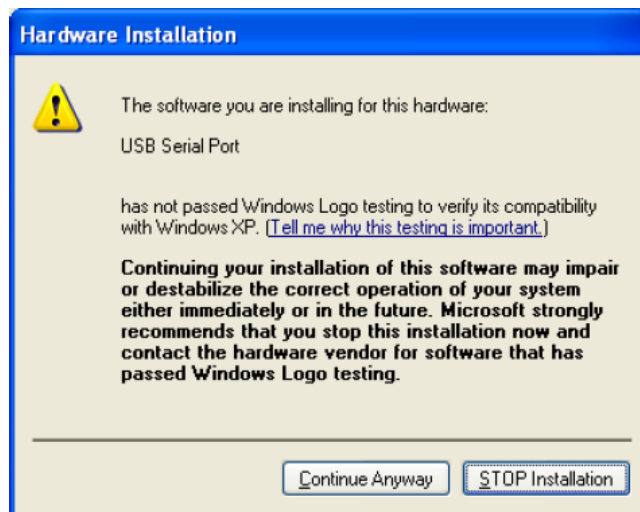


7. Windows should then display a message indicating that the installation was successful. Click "Finish" to complete the installation for the first port of the device.



8. The Found New Hardware Wizard will launch automatically to install the Com port emulation drivers. As below, select "No, not this time" From the options and click "Next" to proceed with the installation.

9. Select "Instll from a list or specific location (Advanced)" as shown below and then click "Next".
10. Select "Search for the best driver in these locations". Check Include this Location in the serach: and enter the file path in the combo-box "**C:\Program Files\Altronic CPU-XL VariSpark Ignition System Terminal\USBDRIVER**" or browse to it by clicking the browse button. Once the file path has been entered in the box, click next to proceed.
11. If Windows XP is configured to warn when unsigned (non-WHQL certified) drivers are about to be installed, the following screen will be displayed unless installing a Microsoft WHQL certified driver. Click on "Continue Anyway" to continue with the installation. If Windows XP is configured to ignore file signature warning s, no message will appear.



12. Windows should then display a message indicating that the installation was successful. Click "Finish" to complete the installation. No need to restart your computer to initialize the new USB.



13. Power up the unit and connect the unit to your computer. Open the Device Manager (Start Menu -> Control Panel -> System -> Hardware –Device Manager). You should see the assigned USB virtual com port under Ports (COM & LPT) group.

