


VBUSB-200 USB-PLC Adapter Installation Manual


For Microsoft® Windows® 98se/ME/2000/XP/Vista™/7

☆☆☆ Please Read This Instruction Before Install the Adapter ☆☆☆

1. Introduction

The **VBUSB-200** adapter is your smart and convenient accessory for connecting a  **VB, VH or M** series PLC to your USB-equipped Windows® host computer. Just need to plug its PC side USB connector into your PC standard Type-A USB port and attach PLC side to the Programming Tool Communication Port (CP1) of  PLC, then it provides a bridge connection simply. It allows a simple and easy way of adding PLC connections to your PC without having to go through inserting a serial card and traditional port configuration.

2. Features & Specifications

- Easy Plug and Play Installation, Smart USB to a  **VB, VH or M** series PLC (CP1) interface
- Full Compliance with the Universal Serial Bus Specification v1.1 automatic handshake mode
- Provides 1.92 Mbps Dual Buffers for upstream and downstream data transfer
- No IRQ resource required; Bus Powered - no separate power supply or battery required

3. System Requirements

- Windows® 98 se, ME, 2000, XP, Vista™ or 7 operating system
- Intel® Pentium™ 133MHz with USB 1.1 A-Type port or better compatible computer

4. Installing the Device

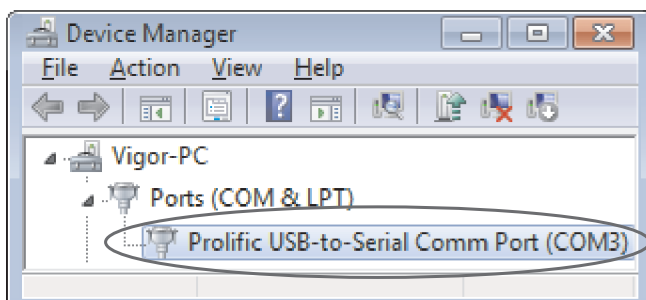
※※※ Before you plug this adapter into a computer, must finish these procedures below ※※※

- ① Download and unzip the driver from http://download.vigorplc.com.tw/VBUSB_PL2303_Installer.zip
- ② Run the unzipped program “**VBUSB_PL2303_Installer.exe**”, then at the InstallShield Wizard, click [**Next >**] to continue and start the installation.
- ③ The End User License Agreement (EULA) window will be shown, click [**I accept the terms of the agreement**] and [**Next >**] to continue.
- ④ Wait until the Wizard informs you that driver installation is successfully installed. Click the [**Finish**] button to close the Wizard. Reboot the system then plug in the PC side of **VBUSB-200**.

5. Installation Verify and Port Assign


This section will guide you to check the installation and to change the Com Port setting if it is necessary:

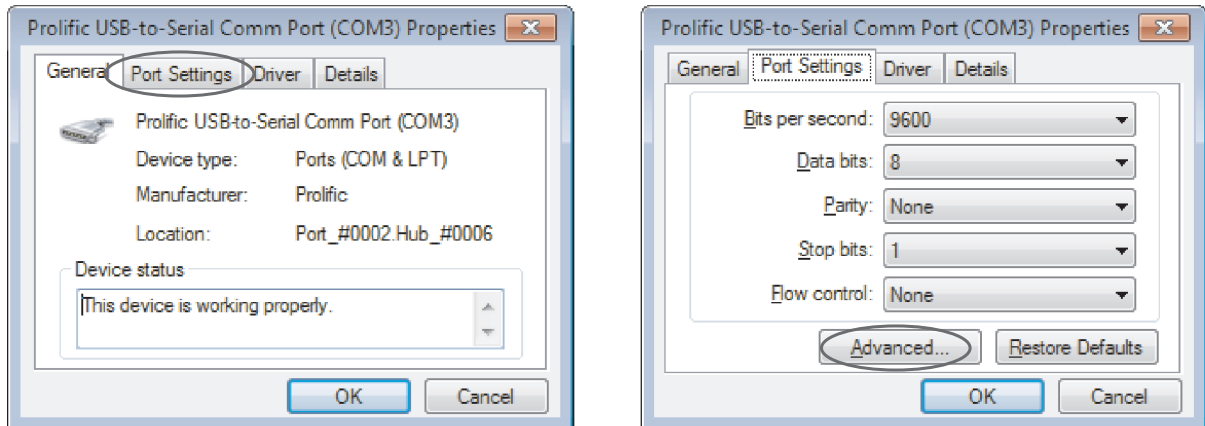
- ① When the **VBUSB-200** has connected to the computer, you can verify the installed status that is under the [**Control Panel**] --- [**System**] --- [**Hardware**]. Then click [**Device Manager**] and double-click on [**Ports (COM & LPT)**] to expand the list. If the “**Prolific USB-to-Serial Bridge (COM 3)**” is on the list, this means the driver has already installed and the **VBUSB-200** is occupying the COM3.



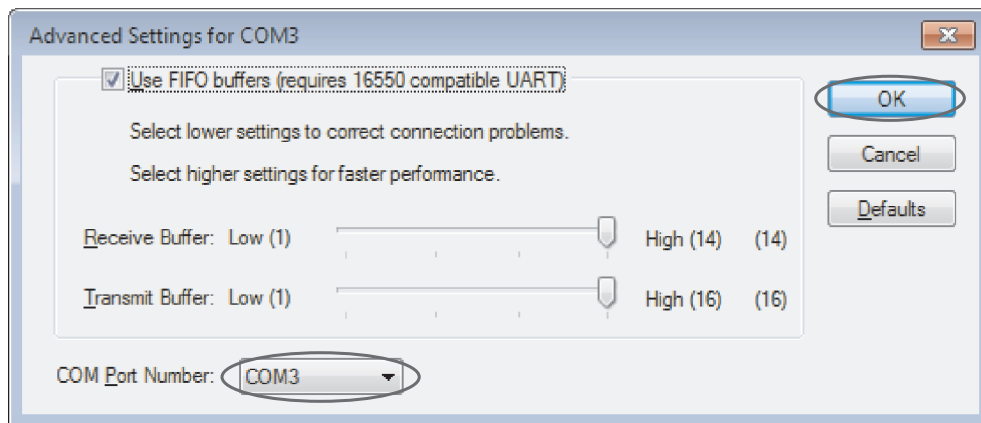
Note:

The occupied Com Port may vary with different computer and setting.

- ② For the Programming Tool *Ladder Master*, it is allowed to use the COM1 ~ COM16 to contact with a  PLC. If the occupied Com Port is not at this available range, please change the port.
- ③ To change the occupied Com Port, could double-click on [*Prolific USB-to-Serial Bridge (COM 3)*]. Its properties window will pop-up then choose the [*Port Settings*] and [*Advanced...*].




Inside the [*Advanced Settings*] there is the [*COM Port Number:*] could select. Choose a port between COM1 ~ COM16 for the *Ladder Master* then click the [*OK*] to exit.



- ④ After finish those settings, the computer's USB port could connect with a  PLC's CP1 via this adapter.

6. Driver Uninstall

If a *VBUSB-200* has connected to a computer and it has been installed or caught an unsuitable driver, under its [*Control Panel*] will show an exclamation mark  for a USB-Serial Controller. That should follow the instruction below to uninstall the incorrect driver.

- ① Remove the *VBUSB-200* adapter from the computer and run the "*VBUSB_PL2303_Installer.exe*" again.
- ② The InstallShield Wizard will pop-up a Confirm Uninstall window, click [*Yes*] to uninstall the old one.
- ③ Wait for the Uninstall Complete message then click [*Finish*] to exit and restart the computer.

★ Driver download website:

http://download.vigorplc.com.tw/VBUSB_PL2303_Installer.zip

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