VIGOR
PROGRAMMABLE CONTROLLER

VBUSB-200 USB–PLC Adapter Installation Manual

For Microsoft® Windows® 2000 / XP / Vista™ /7/8/8.1/10

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

1. Introduction

The *VBUSB-200* adapter is your smart and convenient accessory for connecting a **VIGOR** *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 **VIGOR** 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 **VIGOR** *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™, 7 , 8 , 8.1 or 10 operating system
- For the Windows® 8 or newer systems, must use the new black edition of *VBUSB-200*.
- Intel® Pentium™ 133MHz with USB 1.1 A-Type port or better compatible computer
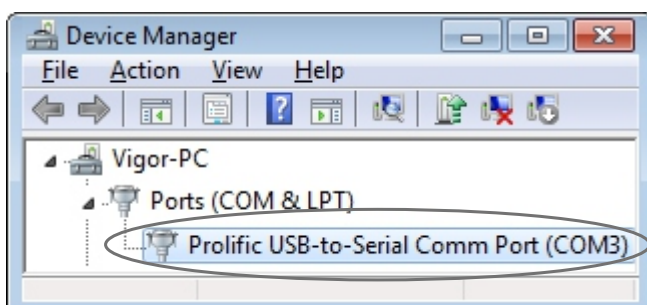
4. Installing the Device

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

① Visit our official site (http://www.vigorplc.com) to download the newest Programming Tool software *Ladder Master* . Execute the "setup.exe" to install the *Ladder Master* and the driver of the *VBUSB-200*.

② It is available to execute the InstallShield program "VBUSB_PL2303_Installer.exe" independently, 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

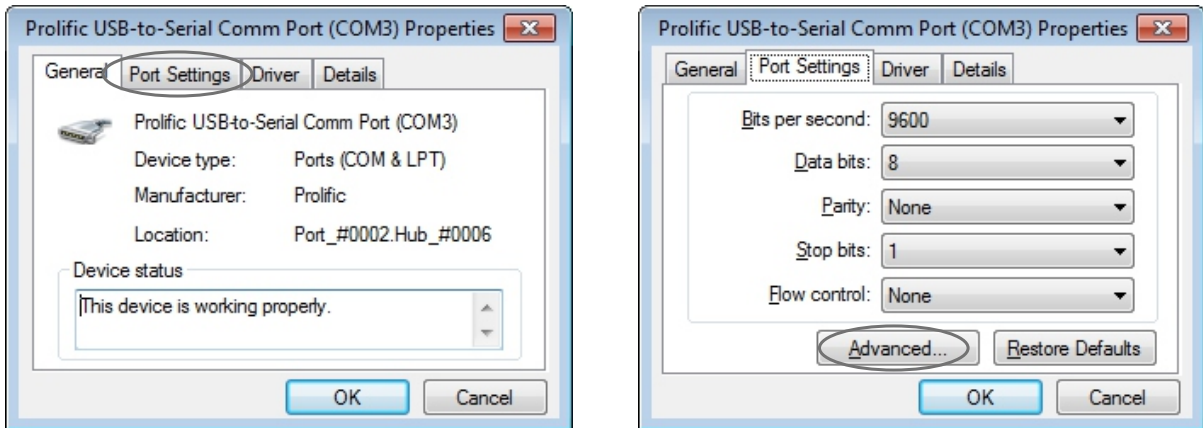This section will guide you to check the installation and to change the Com Port setting if it is necessary:

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.
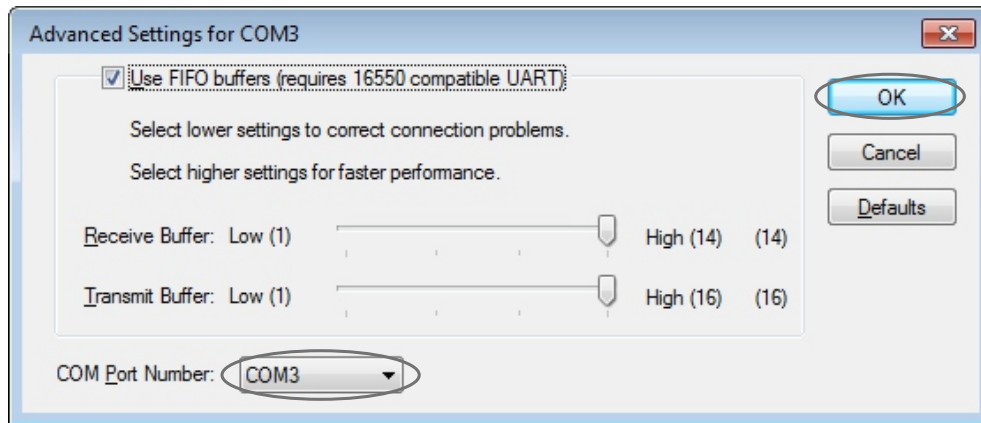

Note:
  The occupied Com Port may vary with different computer and setting.

② For the Programming Tool *Ladder Master*, it is allowed to use the COM1 ~ COM16 to contact with a 🔧**VIGOR** 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 pup-up then choose the [Port Settings] and [Advanced...].

In the [Advanced Settings] there is the [COM Port Number:] could be selected. Choose an unoccupied port between COM3 ~ 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 🔧**VIGOR** 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:

Please visit **VIGOR ELECTRIC COPR.** at http://www.vigorplc.com for more information.

Download ⇨ Driver ⇨ VBUSB-200 Installation Manual