

CT-S2000/4000/310 VirtualCOM driver

Condition

OS: Windows2000, Windows XP, Vista or Windows 2003 Server

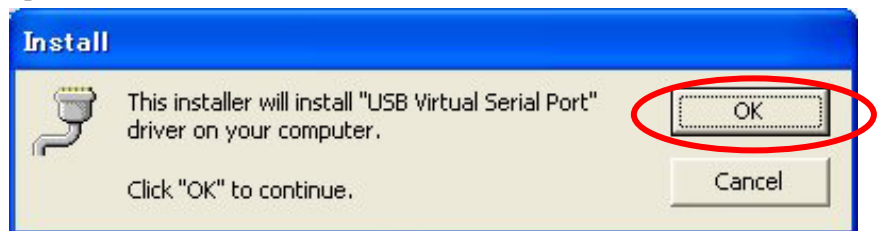
PC: USB port is available

Printer: CT-S2000/4000/310 using USB port

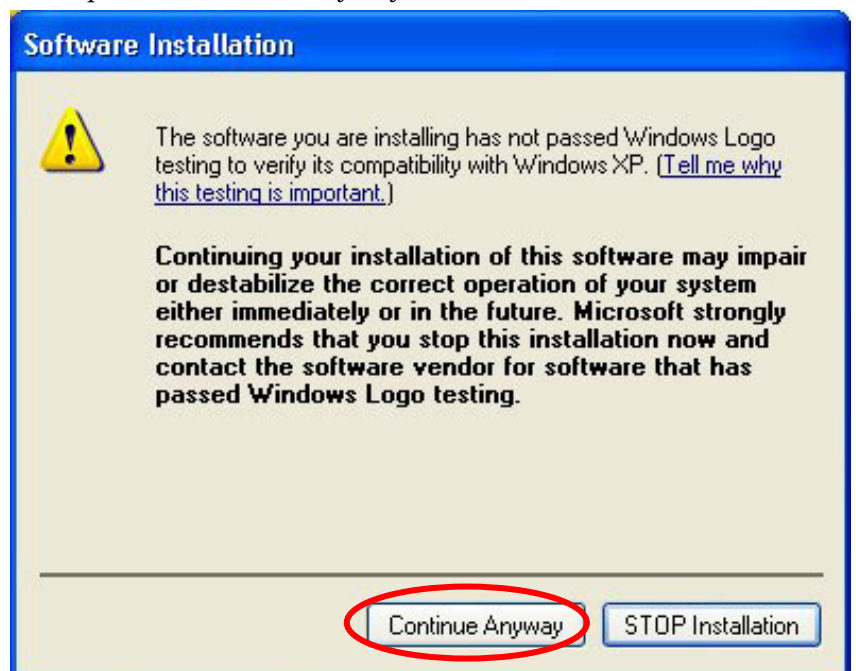
Installation steps

This explanation is based on Windows XP but the steps is almost same for other OS.

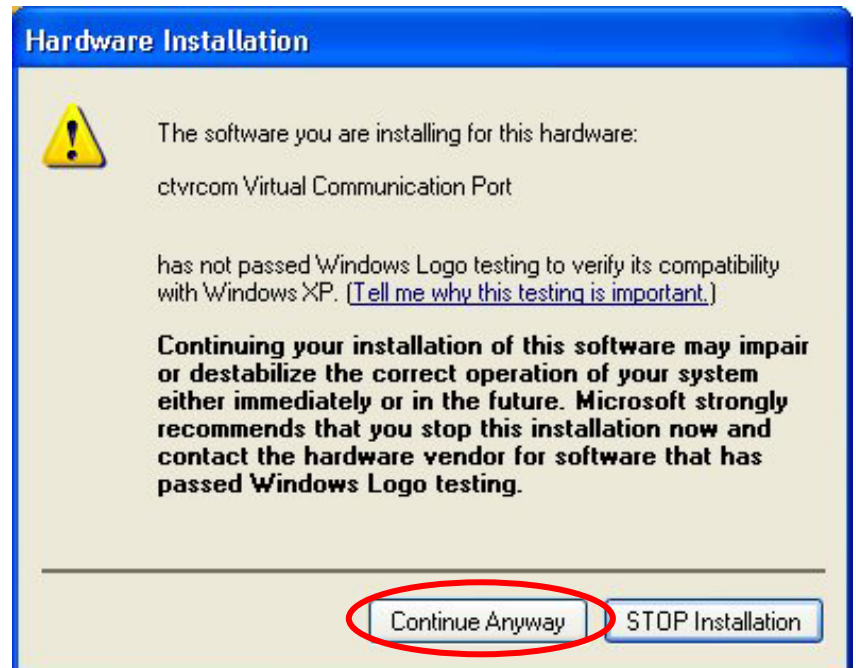
1. Please set the memory switch 5-3 USB mode for "V-COM"
2. Connect the PC and printer with USB cable while printer power is kept off.
3. Unzip the ZIP file (If you get the Virtual COM driver as ZIP file.)
4. Run "Setup" in the folder of driver files.
5. Following Windows shows up. Please press "OK".



6. "Software Install" window shows up. Please press "Continue Anyway".

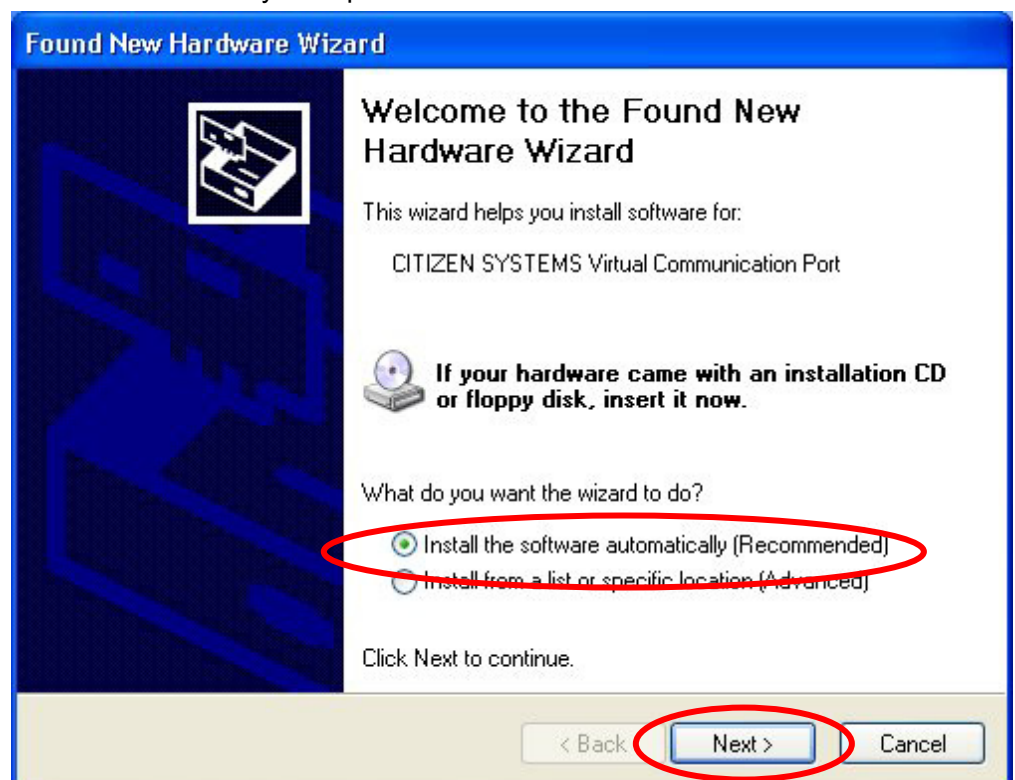


7. Then “Hardware Installation” window show up. Please press “Continue Anyway” and repeat this once more.



8. Turn the printer on. Then the Wizard below shows up.

Please choose “Install the software automatically” and press “Next”.



9. This window shows up. Please press "Continue".



10. Then driver installation is finished.

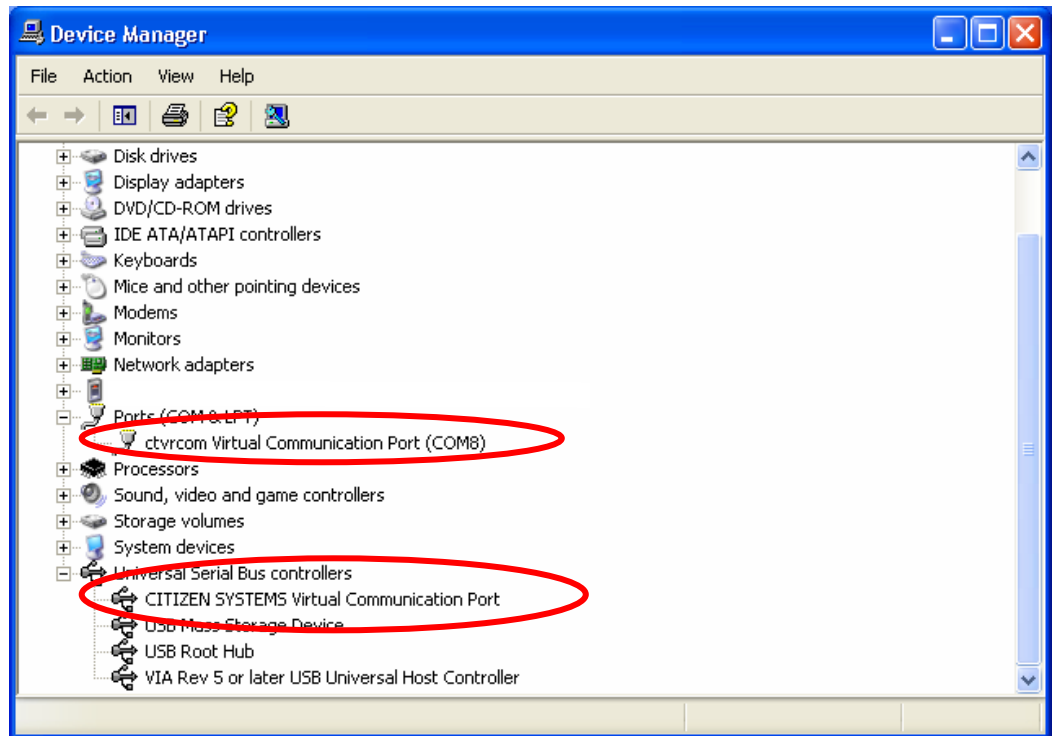
Please reboot the PC. (Recommended)



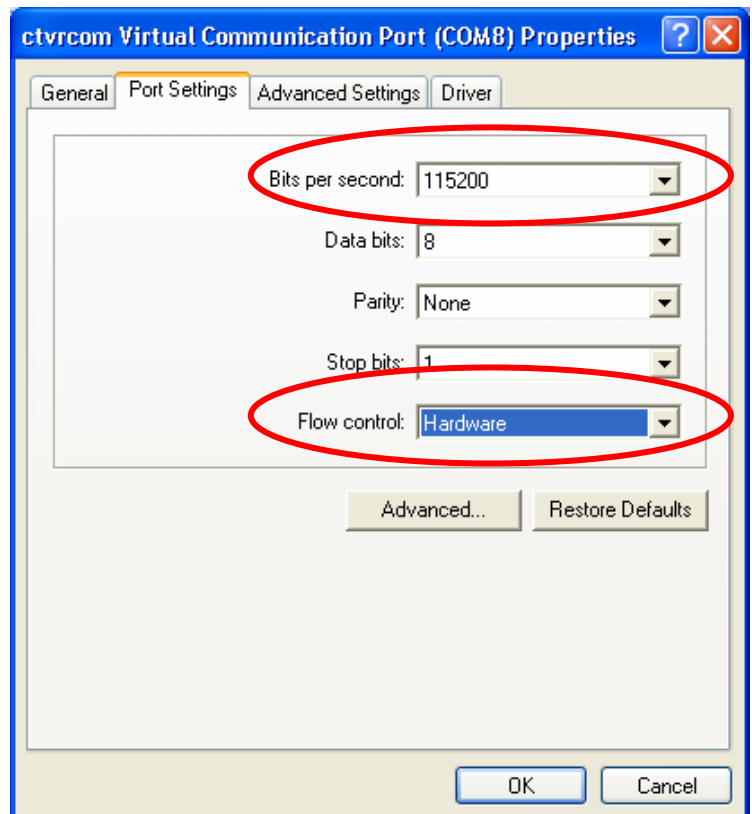
11. Then please check if the driver is installed correctly in the “Device Manager”.

A. 1 Port is added (usually COM8)

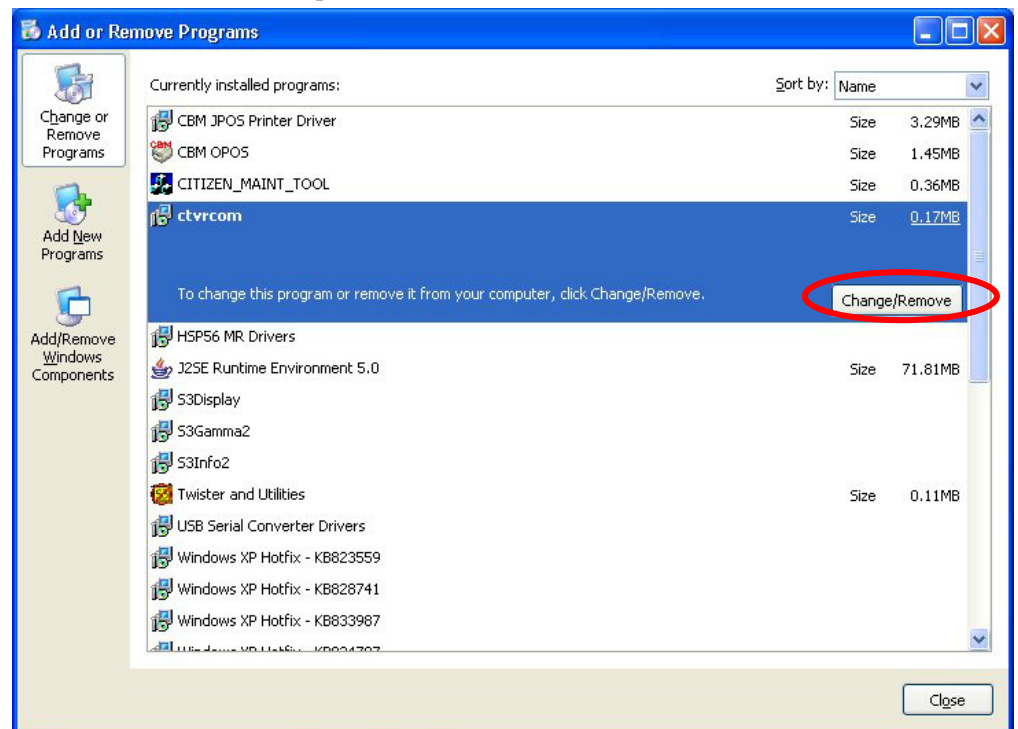
B. “CITIZEN SYSTEMS Virtual Communication Port” is added to USB Controller.



12. Please change the “Bits per second” to “115200” and “Flow control” of port setting to “Hardware”.
(Recommended)



13. To delete the driver, please choose “ctvrcom” in ”Add or Remove Programs” and press “Change/Remove”. Then Uninstall window shows up. Please follow the instruction.



“Advanced Settings” of the driver

Buffered transmission

If the data transmission speed is not enough, the printing may not be smooth. In such case, this function may improve the printing smoothness. In this mode, print data will be held in PC before the data transmission and sent the data at a stretch.

But once PC starts sending the data, it is not possible to cancel the data transmission. Therefore, if you do not have any problem, do not use this function.

Virtual flow control

This function allows the data flow control by Xon/Xoff or hardware just like normal serial communication. Even if this function is not used, the data flow control is done by ACK/NAK function of USB. Therefore, usually it is not necessary to use this function.

