

Virtual COM Driver Installation Guide **RP3200 Gold RP3300 RP4150** USB Interface Model

Revision History

Date	Revision	Description
03-01-2011	Rev 1.0	Initial Version

A. Introduction

This document is to explain about the virtual COM port driver installation for following models. RP3200 Gold, RP3300 & RP4150.

You may want to use Virtual COM if only USB port is available on the PC and your application software accepts only serial port. Please read this document carefully prior to the actual usage.

B. Condition

OS: Windows2000, XP, Vista (including 64bit) or Windows 2003 Sever PC: USB port is available to connect to the printer. Printer: RP3200 Gold, RP3300, RP4150 using USB port is V-COM.

C. Installation steps

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

- 1. Please set the memory switch 5-3 USB mode for "V-COM" (Refer User Manual)
- 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".

Software	e Installation
<u>.</u>	The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why</u> <u>this testing is important.</u>) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.
	Continue Anyway STOP Installation

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



Turn the printer on. Then the Wizard below shows up.
 Please choose "Install the software automatically" and press "Next".

Found New Hardware Wiz	ard
	Welcome to the Found New Hardware Wizard
	This wizard helps you install software for:
	TVS Electronics Virtual Communication Port
	If your hardware came with an installation CD or floppy disk, insert it now.
	 Install the software automatically [Hecommended] Install from a fist or specific location (Advanced)
	Click Next to continue.
	< Back Next > Cancel

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



10. Then driver installation is finished.

Please reboot the PC. (Recommended)

Found New Hardware Wiz	ard
Found New Hardware Wiz	Completing the Found New Hardware Wizard The wizard has finished installing the software for: TVS Electronics Virtual Communication Port
	Click Finish to close the wizard.

- 11. Then please check if the driver is installed correctly in the "Device Manager".
 - A. 2 Ports are added (COM7 and COM8 / COM1025)

B Device Manager	
File Action View Help	
Other devices Multimedia Video Controller SM Bus Controller Video Controller (VGA Compatible) Ports (COM & LPT) Communications FORT (COM1) ECP Printer Port (LPT1) TVS Electronics Virtual Communication Port (COM1025) TVS Electronics Virtual Communication Port (COM1025) Processors Sound, video and System devices Universal Serial Bus controllers Standard Enhanced PCI to USB Host Controller Standard OpenHCD USB Host Controller Standard OpenHCD USB Host Controller USB Printing Support USB Printing Support USB Root Hub USB Root Hub USB Root Hub	

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

COM7 Properties		? 🔀
Port Settings		
Bits per second:	115200	
Data bits:	8	~
Parity:	None	~
Stop bits:	1	~
Flow control:	Hardware	
	Restore	Defaults
	K Cancel	Apply

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.

🐻 Add or Rei	nove Programs			<
5	Currently installed programs:	Sort by: Name	~	
Change or	B CBM JPOS Printer Driver	Size	3.29MB 📩	
Programs	CBM OPOS	Size	1.45MB	
1	CITIZEN_MAINT_TOOL	Size	0.36MB	
Add <u>N</u> ew Programs	H ^e ctvrcom	Size	<u>0.17MB</u> ≣	
6	To change this program or remove it from your computer, click Change/Remove.	Change	e/Remove	
Add/Remove	HSP56 MR Drivers			
Windows Components	👙 J25E Runtime Environment 5.0	Size	71.81MB	
	🔁 S3Display			
	🔁 S3Gamma2			
	🔁 S3Info2			
	🧭 Twister and Utilities	Size	0.11MB	
	🔀 USB Serial Converter Drivers			
	🔀 Windows XP Hotfix - KB823559			
	🔀 Windows XP Hotfix - KB828741			
	🔀 Windows XP Hotfix - KB833987			
	A UK- Jame VD 11-16. VD004707		×	5
			Close	

Appendix

COM port assigned by the driver installer is fixed by the model (USB ID)

But depending on COM port situation of the PC, other port can be assigned.

Whatever V-COM Port gets assigned in Device Manager, Please choose the corresponding COM Port in Printer Properties.

For Ex:

an and Coloring (Porte	A	Constant	Device Cellings	Teel	
aeneral sharing	Foits	Advanced	Security	Device Settings	1001	
TVS EI	ectronics	RP 3300				
Print to the followi checked port.	ng port(s)	. Documents	: will print to) the first free	(028)	
Port			Des	cription	^	
			Seria	al Port		
COM7:	>		Serial Port			
COM8:			Seria	Serial Port		
FILE:		Print	Print to File			
USB002		Virtu	Virtual printer port fo 1			
USB001			Virtu	Virtual printer port fo + 💌		
<	III				>	
Add Port		Delete F	Port	Configure Por	t	
✓ Enable bidirect ■ Enable printer	ional sup pooling	port				