

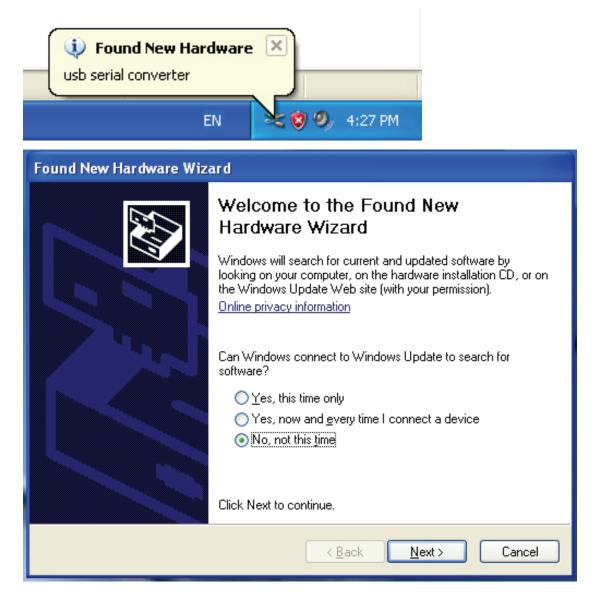
## USB TO SERIAL RS485 CONVERTER



## User Manual (DA-70157)

Step 1: Insert CD Driver of this product to the CD-ROM

Step 2: Connect the device to a spare USB port on your PC, and find new hardware wizard, please refer to the following chart:



Found New Hardware Wizar	1
	his wizard helps you install software for: usb serial converter If your hardware came with an installation CD or floppy disk, insert it now. /hat do you want the wizard to do? Install the software automatically (Recommended) Install from a list or specific location (Advanced) lick Next to continue.
	< Back Next > Cancel

Step 3: Select "No, not this time", click "Next" to continue.

Step 4: Select "Install from a list or specific location (Advanced)", click "Next" to continue.

Found New Hardware Wizard	
Please choose your search and installation options.	
Search for the best driver in these locations. Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.	
<ul> <li>Search removable media (floppy, CD-ROM)</li> <li>Include this location in the search:</li> </ul>	
i:\ Browse	
O Don't search. I will choose the driver to install. Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.	
< Back Next > Cancel	

Step 5: Select "Search removable media (floppy, CD-ROD...)", click "Next" to continue.

Found New Hardware Wizard	
Please wait while the wizard searches.	
usb serial converter	S.
	<back next=""> Cancel</back>

Step 6: Auto search for the corresponding driver in the CD.

Found New Hardware Wizard		
Please select the best match for your hardware from the list below.		
USB Serial Converter		
Description Version Manufacturer Location		
USB Serial Converter 2.2.4.0 FTDI i:\usb 2.0 to rs232 converter\w		
₩ USB Serial Converter 2.2.4.0 FTDI i:\usb 2.0 to rs232 cable\win20		
This driver is digitally signed. <u>Tell me why driver signing is important</u>		
< Back Next > Cancel		

Step 7: You will find two types of hardware wizard, one is for USB 2.0 TO RS485 Converter, another one is for USB 2.0 TO RS485 cable. Please choose the corresponding driver according to your product, click "Next" to continue.

Found New Hardware Wizard	
Please wait while the wizard insta	lls the software
USB Serial Converter	
ftd2xx.dll To C:\WINDOWS\sy:	swow64
	< Back Next > Cancel

Step 8: The wizard has started installation and copy file to your system

Found New Hardware Wizard	
	Completing the Found New Hardware Wizard
	The wizard has finished installing the software for:
	USB Serial Converter
	Click Finish to close the wizard.
	< Back Finish Cancel

Step 9: Click "Finish" to close the wizard.



Step 10: Find new com port.

Found New Hardware Wizard	
	Welcome to the Found New Hardware Wizard         Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).         Online privacy information         Can Windows connect to Windows Update to search for software?         Yes, this time only         Yes, now and every time I connect a device         No, not this time
	< Back Next > Cancel

Found New Hardware Wizard	
Image: What do you want the wizard to do?	
<ul> <li>Install the software automatically (Recommended)</li> <li>Install from a list or specific location (Advanced)</li> </ul>	
Click Next to continue.	
< Back Next > Cancel	)

Step 12: Select "Install from a list or specific location (Advanced), click "Next" to continue.

Found New Hardware Wizard
Please choose your search and installation options.
<ul> <li>Search for the best driver in these locations.</li> <li>Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.</li> <li>Search removable media (floppy, CD-ROM)</li> <li>Include this location in the search:         <ul> <li>Include this location in the search:</li> <li>Don't search. I will choose the driver to install.</li> </ul> </li> </ul>
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.

Step 11: Select "No, not this time", click "Next" to continue.

Step 13: Select "Search removable media (floppy,CD-ROM...)",click "Next" to continue.

Found New Hardware Wizard	
Please wait while the wizard searches.	
USB Serial Port	
	Kext > Cancel

Step 14: Auto search for the corresponding driver in the CD.

Found New Hardware Wizard	
Please select the best match for your hardware from the list below.	
USB Serial Port	
Description Version Manufacturer Location	
😅 USB Serial Port 2.2.4.0 FTDI i:\usb 2.0 to rs232 converter\win200	
WISB Serial Port 2.2.4.0 FTDI i:\usb 2.0 to rs232 cable\win2000_xr	
This driver is digitally signed. <u>Tell me why driver signing is important</u>	
< Back Next > Cancel	

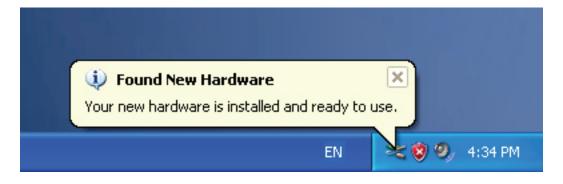
Step 15: Choose one type of the driver for your product, click "Next" to continue.

Found New Hardware Wizard	
Please wait while the wizard installs th	e software
USB Serial Port	
FTLang.dll To C:\WINDOWS\system3	2
	< Back Next > Cancel

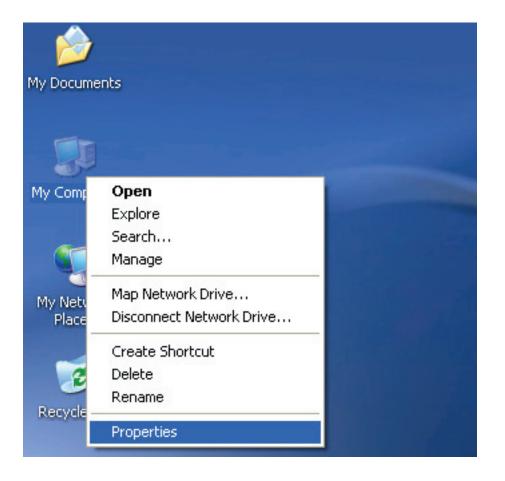
Step 16: The wizard has started installation and copy file to your system .

Found New Hardware Wizard		
	Completing the Found New Hardware Wizard	
	The wizard has finished installing the software for:	
The wizard has finished installing the software for:		
	Click Finish to close the wizard.	
	< Back Finish Cancel	

Step 17: Installation completed, click "Finish" to close the wizard.



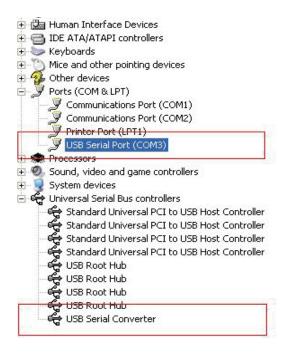
Step 18: Your new hardware is installed and ready to use.



Step 19: If you want to see it, right click "my computer", and then click "Properties".

System Restore	Automa	itic Updates	Remote
General Co	omputer Name	Hardware	Advanced
🧊 on your ca	omputer. Üse the D	the hardware devic evice Manager to c	
properties	of any device.	Device M	lanager
Drivers			
Drivers			
Driving Si compatible	e with Windows. W	e sure that installed indows Update lets /indows Update for	you set up
Driving Si compatible how Wind	e with Windows. W	indows Update lets	you set up drivers.
Driving Sin compatible how Wind	e with Windows. W lows connects to W	indows Update lets /indows Update for	you set up drivers.
Driving Si compatible how Wind Dri Hardware Profiles Hardware	e with Windows. W lows connects to W ver Signing	indows Update lets /indows Update for Windows	you set up drivers. Update
Driving Si compatible how Wind Dri Hardware Profiles Hardware	e with Windows. W lows connects to W ver Signing profiles provide a v	indows Update lets /indows Update for Windows	you set up drivers. Update

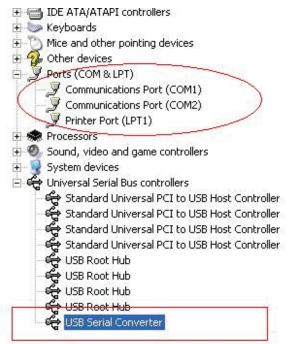
Step 20: Select "Device Manager" in the "Hardware" of the interface "System Properties", click it, you can see the hardware devices installed on your computer, please refer to the following chart:

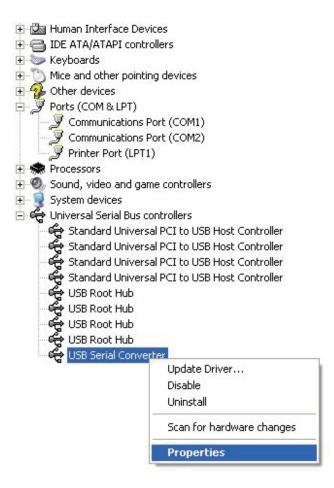


Step 21: Installation finished.

## **Remarks:**

After installation, if you can see "USB Serial Converter" from the "Device Manager", but can't see "USB Serial Port (COM3)", please continue next steps.



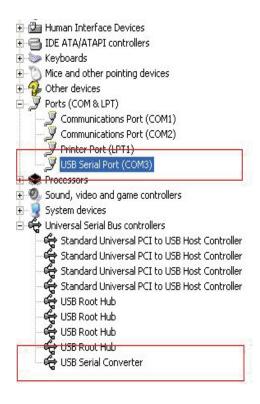


Step A: Right click "USB Serial Converter", and then click "Properties".

USB Serial Conver	ter Properties	? 🔀
General Advanced	Power Management Driver	
Configuration —	I Converter	
Use these settin	gs to override normal device configuration	1
	OK Cancel	Help

Step B: Select "Load VCP" in the "Advanced", click "OK".

Step C: Move out USB TO RS232 on your computer. Connect the device to an old USB port on your PC again, now it is ok, please refers to the following chart:



Congratulations, installation is successful.

## **Remove Driver**

1, Open the drivers of this product, please refer to the below chart :



2 , Double click "FTClen.exe", it appears the following interface

🅡 FTDI Clean Utility V1.0	- ×
<b>FTDI</b> Chip	
VID (Hex) FTDI	Clean System
Status: Ready	Exit

3  $\cdot$  click "Clean System", it appears the following interface :

Vni FTI	🗊 FTDI Clean Utility V1.0	-	×
Information	×TD		
<b>(i)</b> •	isconnect all FTDI devices from the PC		
	FTDI •		
	PID (Hex)		
	Windows XP		_
	Status: Ready		

4 · Disconnect USB 2.0 To rs232 device from the pc · click "ok" it appears the following interface, then click "Yes"

	Un 🗶 FTDI Clean Utility V1.0	-	×
Confirm	×		
?	You are about to uninstall all FTDI drivers for VID 0x0403 and all PIDs. Do you want to continue?		
	Yes No		
	FTDI •		1
	PID (Hex)		1
	Windows XP Status: Ready		

5, please click "No" to uninstall driver

Uni 🐠 FTDI Clean Utility V1.0	- ×
Confirm × TDI po you want to cancel driver uninstallation?	
FTDI	Clean System
PID (Hex)	Exit
Windows XP Status: Ready	

6, When Uninstall is completed, please click "Exit" to terminate the uninstall application.

🕂 FTDI Clean Utility V1.0	_ ×
<b>FTD</b> Chip	
VID (Hex)	Clean System
PID (Hex)	Exit
Windows XP Status: System clean comple	ed