LOGO!USB-CABLE Programming Cable Driver
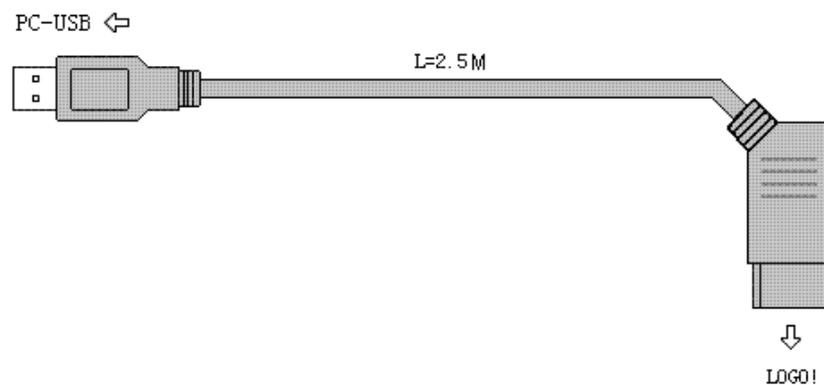
Procedure Setting Guideline

Introduction

LOGO! USB-CABLE is a programming cable which use the USB interface to achieve the serial connection and the conversion of peripheral port signal. Under the control of computer operation,simulating the computer's USB interface to traditional serial(commonly known as COM port),thus using the current programming software,communicating software and monitoring software.The work power of the cable comes from USB port and programming port of LOGO! controller.

USB-CABLE is photoelectric isolated,can be applied to LOGO! Controller，especially the industrial fields with greater interference and easily damaged communication port. All kinds of protection measures in the circuit give permission to the safe operation of the system.

LOGO!USB-CABLE' s chart appearance：

PC-USB

L=2.5M

LOGO!

Functions

●Support USB-CABLE operating system：Windows2000/Windows XP（do not support WinNT4/95/98/Me/DOS）

●Support USB-CABLE programming software version：LOGO! Soft V4.0 and above

●Fully compatible with standard USB V2.0

●Power supplied by USB bus and the programming port of LOGO! Controller.

●Optical isolation voltage：1000VDC

●Support UART data format：Data：7、8，stop bit：1、2，check：odd/even/no parity

●Each PC only supports one USB cable

●Working temperature：-20～+75℃

●Cable length：2.5m，color：black

System requirement

Please make sure your PC is IBM PC compatible and has the following system requirements before using the USB programming cable.

- Intel is compatible with 586DX4-100MHz CPU or higher
- A standard USB port (4-pin A plug)
- Operating system is Windows2000 or Windows XP

The setting of driver procedure

USB-CABLE programming cable can only be used under the device of USB，
These drivers are included in the sale of the products on CD-ROM.

Please set the driver procedure according to the following steps:
1. Turning on PC power that will connect the USB programming cable and make sure the USB port working well.
2. Put the USB programming cable into USB port and Windows will detect the device and help to add new hardware and jump to new device setting. Insert the driver CD and click "next" to continue, or select the driver on the hard disk.

If Windows does not show "find new hardware", please click "Universal Serial Main Cable controllers" in the hardware list of device manager, and choose the USB device with question mark. Click the right key of mouse and operate to update driver procedure.

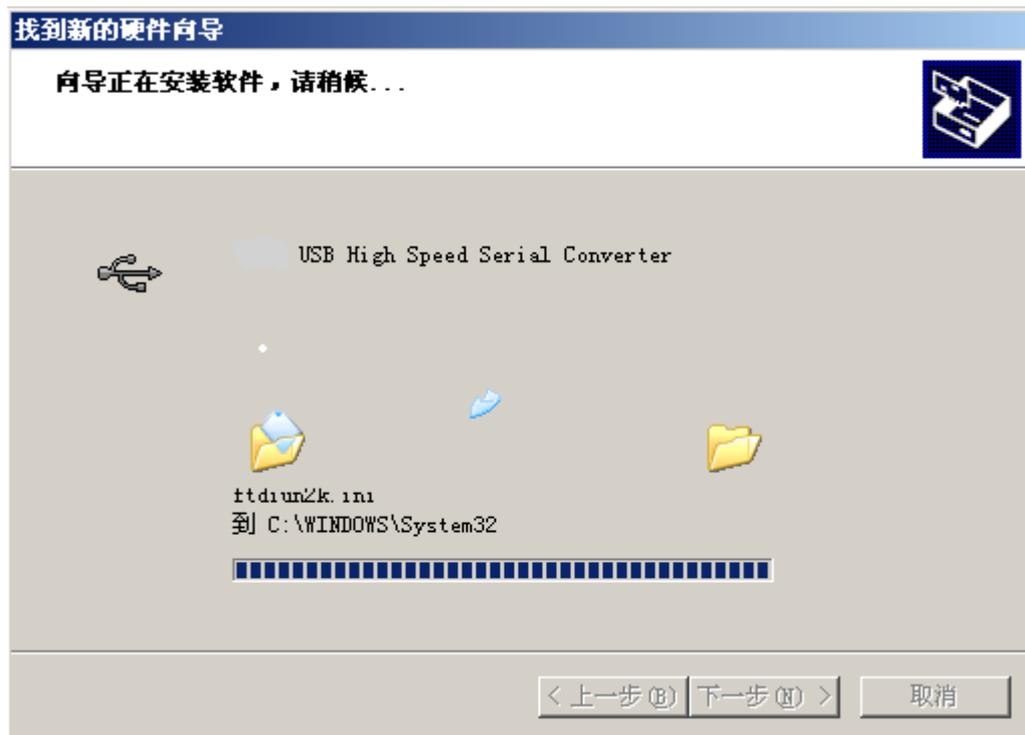If insert the driver CD,you should select the recommended item and click "Next"

If the driver is saved on the hard disk, you should select the second item and click "Next". You can find the driver on the "WIN" folder.

3. Windows will detect the setting information, and load the driver to install.

4. Continue to set up, copy the driver procedure files to your hard disk by Windows.
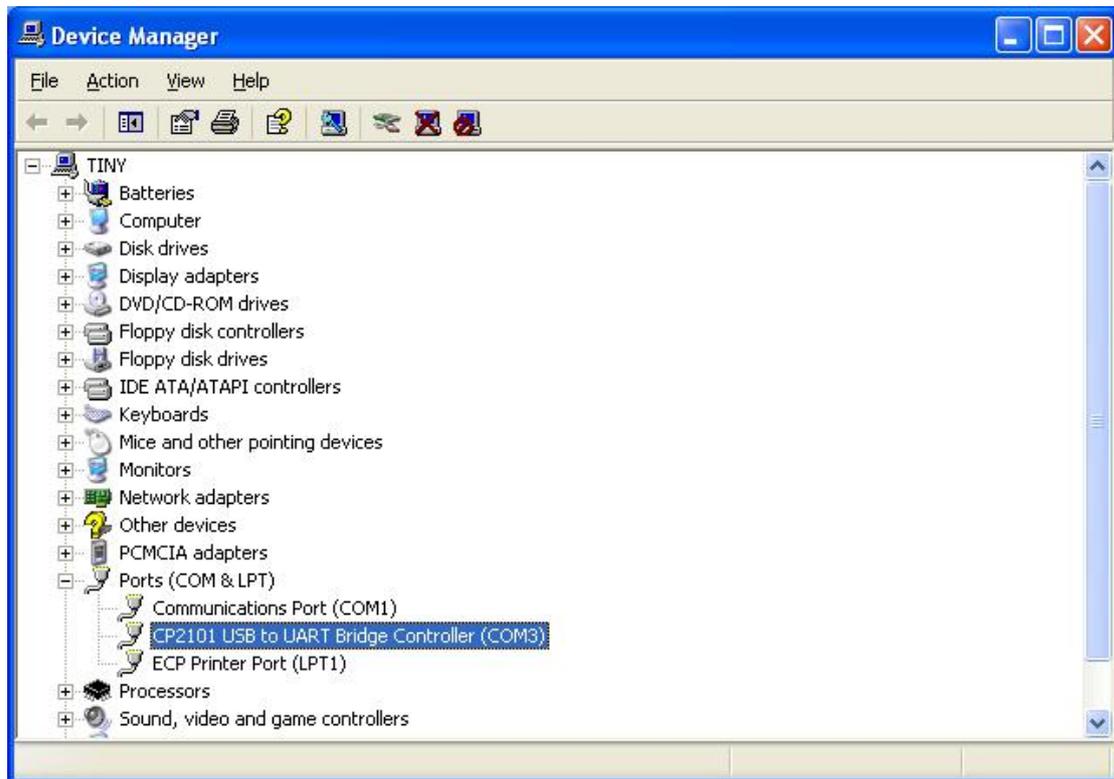

5. When Windows appears "Completing the Found New Hardware Wizard", click "finish" to end setting up.

6. After setting up, please make sure the "port (COM and LPT)" of "Start \ Settings \ Control Panel \ system \ hardware \ Device Manager" appears "CP2101 USB to UART Bridge Controller(COMx)". This COMx is the COM message of the USB programming cable. From then on, as long as you insert
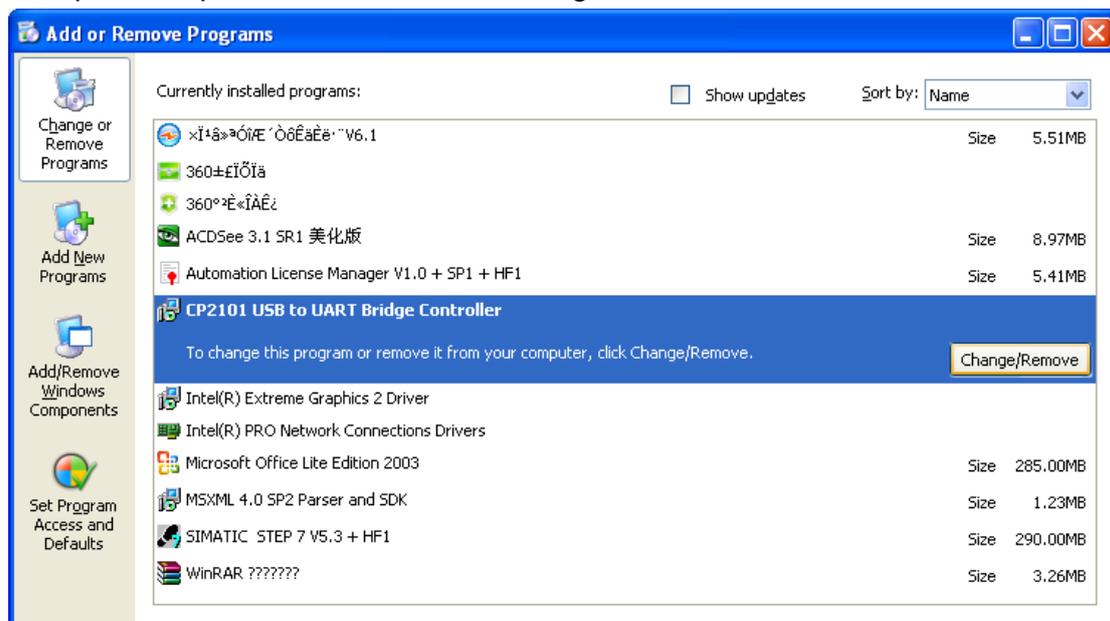
the programming cable, the COM port will appear. You just have to choose this COM port in application software such as programming software or communication software.

The deletion of driver procedure

Deleting driver procedure is to discharge source of COM port so that other device can be used. When driver procedure has error, it should be deleted and reset up. Please delete the driver procedure as follows:

1. Unplug the USB programming cable from you PC.
2. Choose "USB Serial Converter Drivers"from "Add or Delete Programs" in operation panel, and click the "Change/Remove" button.
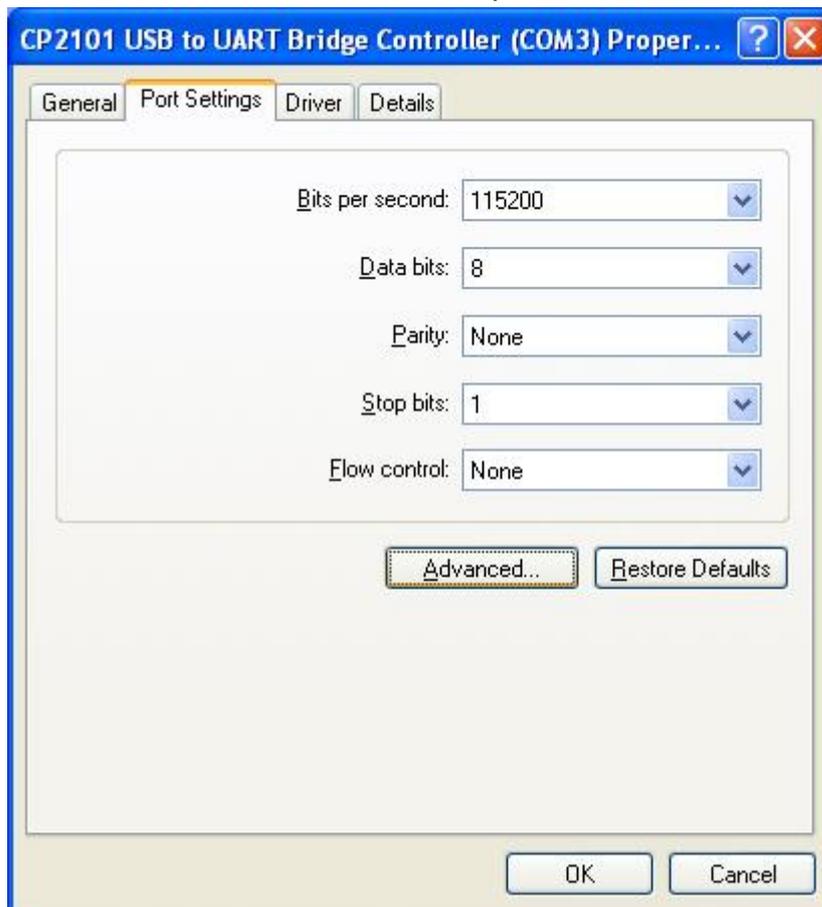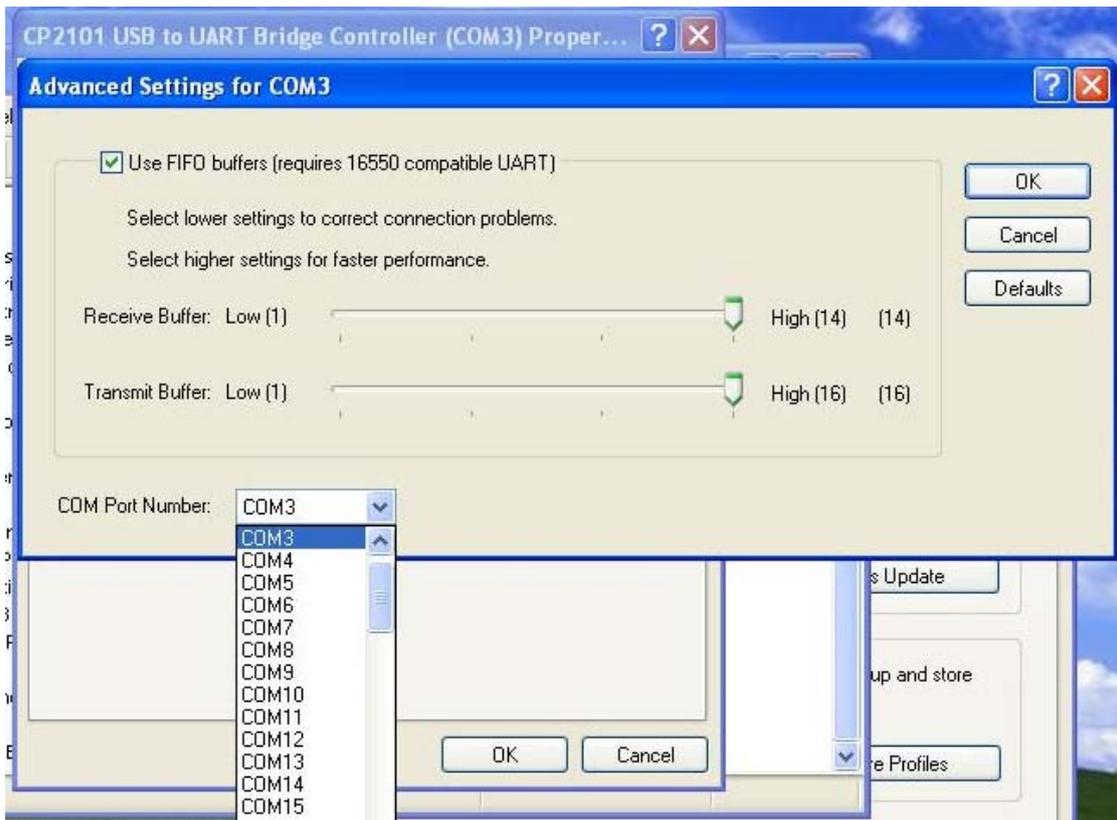
How to change COM setting

1. Delete the driver procedure of all USB to UART products to discharge COM port source, and reset up USB programming cable driver procedure. The device manager will display the cable address **COM3.**

2. In Windows 2000/XP the COM slogan can be changed directly. Please double click COM port device that is need changing in the device manager, and the device attribute information window will appear. Choose "port setting" as the picture shows. Click "Advanced" button, and the advanced setting information window will appear. Set the COM port to the serial number you want and click "OK" button to complete.

CP2101 USB to UART Bridge Controller (COM3) Proper...

Advanced Settings for COM3

☑ Use FIFO buffers (requires 16550 compatible UART)

Select lower settings to correct connection problems.

Select higher settings for faster performance.

Receive Buffer: Low (1) ——————————————◇—— High (14)   (14)

Transmit Buffer: Low (1) ——————————————◇—— High (16)   (16)

OK

Cancel

Defaults

COM Port Number: COM3

COM3
COM4
COM5
COM6
COM7
COM8
COM9
COM10
COM11
COM12
COM13
COM14
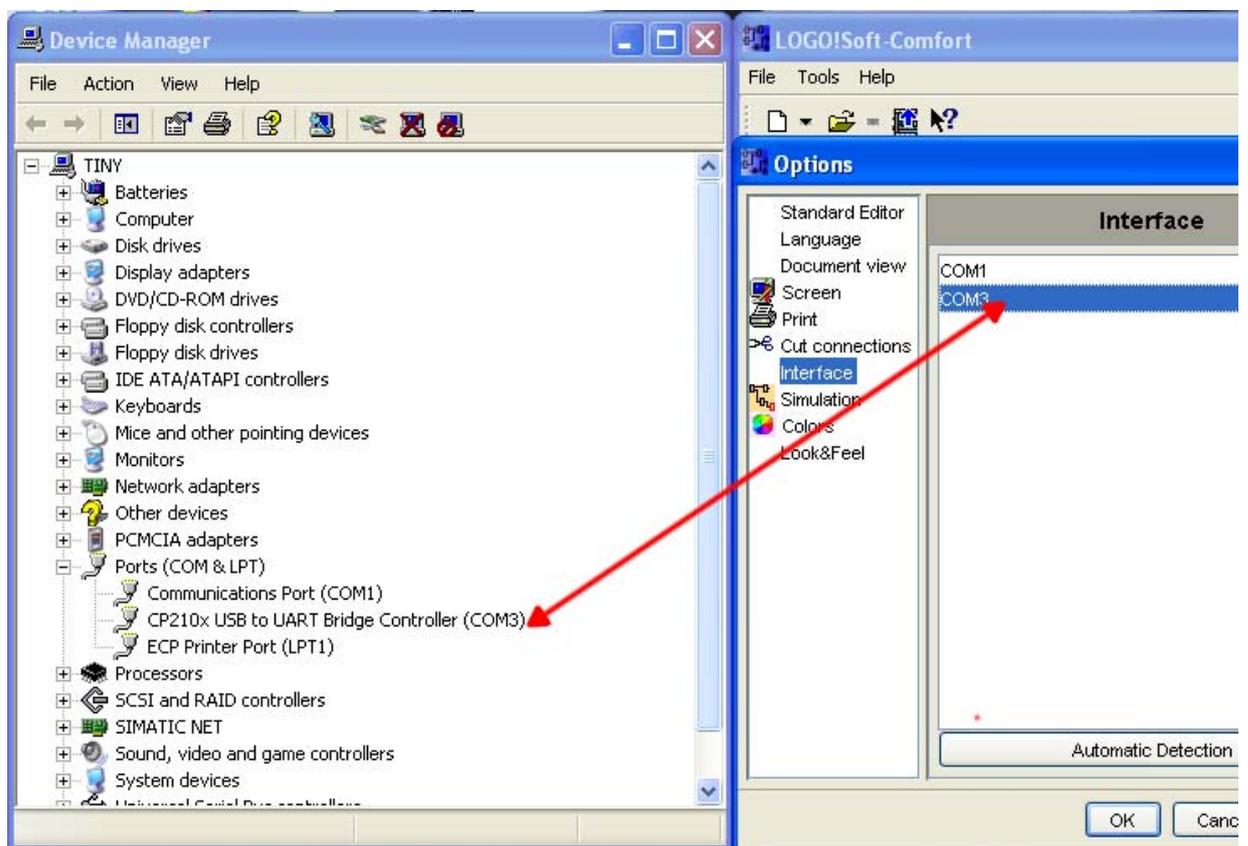COM15

s Update

up and store

re Profiles

OK   Cancel

Setting of LOGO!Soft-Comfort

After completing the driver installation,In the Windows Device Manager will come up the COM port of USB-CABLE programming cable,just in the programming of software or other software applications,selecting the COM port.And the follow applyment is exactly the same as the traditional RS232 programming cable.

Open the main windows form(LOGO!Soft-Comfort),choose "Tools" menu then click "Options…" sub menu and will appear Options setting window.
Select "Interface" Item in the left list,and Choose the **COMX** interface as it in the Device Manager.

Notes and Troubleshoot:

1. If the USB programming cable could not be detected when opening the PC, or some other outstanding issues occur, please replug it again.

2. It is the USB device of plug and play. When data are being transmitted, please don't disconnect it.

3.Sometimes Windows System failures or outstanding issues occur when plug or unplug the USB cable, please restart the computer and PLC.

Rejection provision

This document is to provide information, and the contents will not be noticed when revising. Because of the direct or indirect loss or errors caused by revised document, will not be the responsibility of the manufacturer.