USB to RJ12 RS232 Serial Cable
Manual

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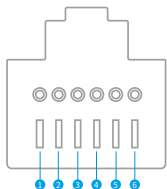
I. Product Introduction

This product is a USB A to RJ12 CONSOLE debugging cable, which allows the computer to perform data configuration debugging and device management through the USB A interface. It uses imported PL2303G series original chips, standard serial port protocol, good anti-interference stability, and can realize console debugging of multi-brand equipment, such as new energy storage, battery power management and other equipment, and supports a variety of computer systems.

II. Product functional parameters

1. Full-speed USB device interface, compatible with USB V2.0/V1.1.
2. Imported PL2303G series original chip, standard serial port protocol.
3. Support communication rate: RS232 300bps to 460800bps.
4. Rj12 port: 3-pin RS232-RXD
   4-pin RS232-TXD
   5-pin GND.
5. Check bit：Even,Odd,None,Mark,Space.
6. Stop bit: 1 ,1.5 ,2.
7. Transceiver buffer: receive 768 bytes, send 256 bytes.
8. ±10kv, IEC61000-4-2 contact discharge
   ± 15kv, IEC61000-4-2 air gap discharge
9. Support: Windows, Mac, Android, Linux(Linux kernel 4.0 or above without driver).

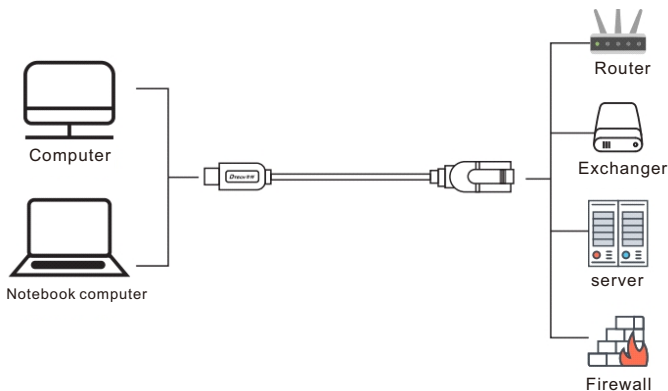## IV. Interface Description

Pin Definition Explanation

NO.	3	4	5
Color	Green	White	Black
Definition	RS232-RXD	RS232-TXD	GND

V. Product Connection Diagram

Router

Computer

Exchanger

Notebook computer

server

Firewall

VI. Product Accessories

1.One product

Product Warranty Card

Customer Information

Model：	
Date of purchasel：	
User telephone：	
User address：	
Distributor：	
Agency address：	
User telephone：	Dealer stamp valid

Intenance Records

Repair times	Date	Fault	Treatment measures	Repair work NO.

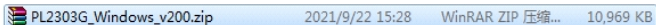# USB to RJ12 RS232
Serial Cable Drive
Manual

USB to RJ12 RS232 Serial Cable

I. Introduction to the method of installing the driver

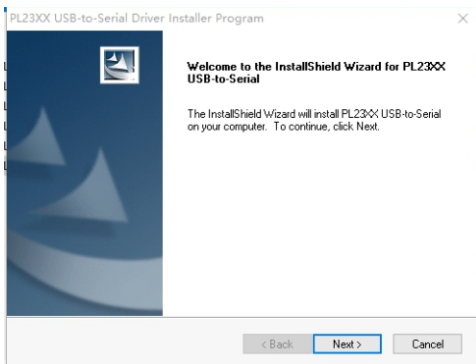①Scan the scan code card attached to the product to download and install the driver through the official website.

Step1: Download the driver installation package, click the PL2303G_Windows_v200.zip compressed package, and unzip it.
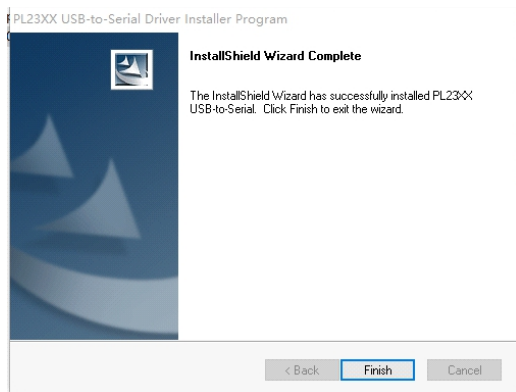
📦 PL2303G_Windows_v200.zip	2021/9/22 15:28	WinRAR ZIP 压缩...	10,969 KB

Step2: After decompression, as shown in the figure below, double-click the application window.

📁 Linux_Driver_v1.0.5	2021/11/11 12:00
📁 Mac Driver_v2.1.0_20210311	2021/11/11 9:51
📁 PL2303G_Android_v1003_20210118	2021/1/18 14:43
📁 Windows_v408 (win10-11)	2022/8/10 15:57
📁 Windws_v200 (win7-8-XP-2013..)	2022/1/20 9:30

Step3: Double-click to run the program, the installation dialog box will pop up, click "Next"
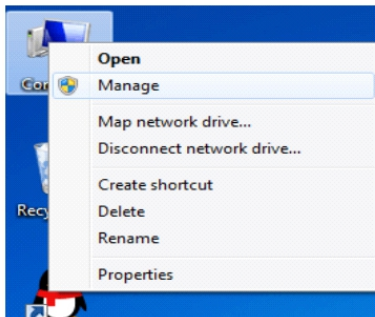
Step4: After clicking "Next", the system will automatically complete the installation process. After the installation process is over, click "Finish" in the dialog box to end the installation process.
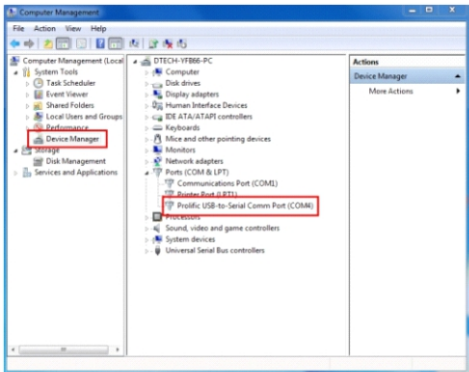

II. Set the port number in the device manager

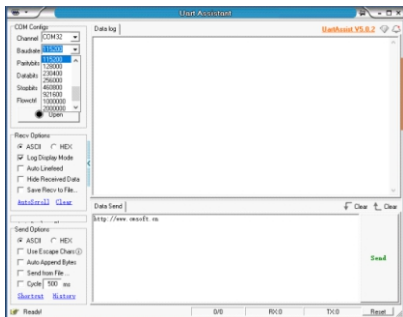**Step1:** Right-click "Computer" and select "Manage".

Step2: Insert the serial cable into the USB port of the computer, select "Device Manager" in the "Management", and in the "Device Manager", the "Port" item can check that the serial cable has been installed with the driver. And pop up the "COM" port.
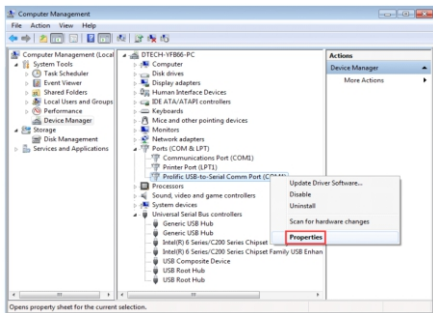

If the driver cannot be seen in the "Device Manager" after plugging in the serial cable, but "unknown Device" is displayed, replace the computer with another USB port for testing. If this happens, it may be that the serial cable is faulty. It is recommended to return to the factory for replacement.
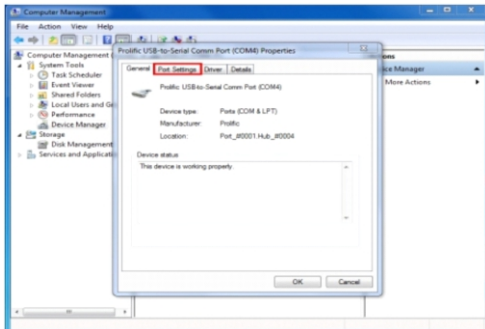
Step 3: Seeing that the device manager recognizes the COM slogan, it may not be able to connect with the communication device. The picture below is the application software of a certain LED display. You can set the port in the software to change the COM slogan. The COM port is the same.
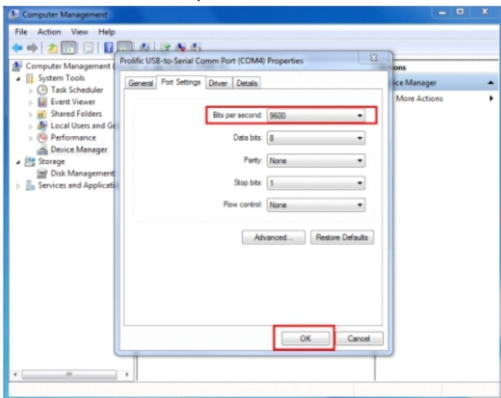

Step 4: If there are no more COM ports to choose from in the software, or the selected COM port still cannot be connected, then you need to change the COM slogan in the device manager, right-click the "COM" port in the figure, and select properties.
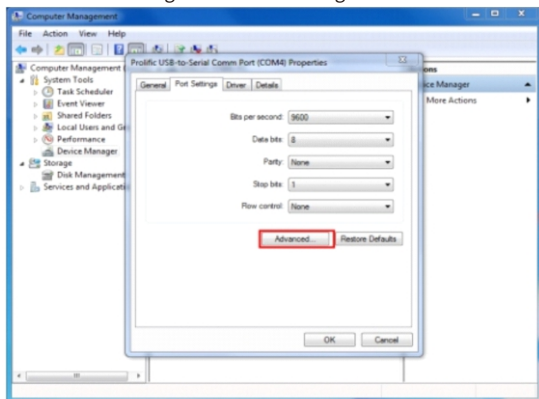
After clicking "Properties", the first pop-up is the general column. The device status shows "This device is working normally" indicating that there is no problem with the driver installation, and then click "Port Settings".
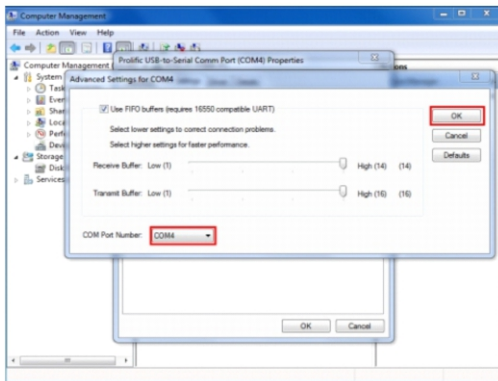

After clicking "Port Settings", "Bits/Second" is the parameter setting of the baud rate. If you need to change it, you can change the baud rate of this serial line, and then click "OK".
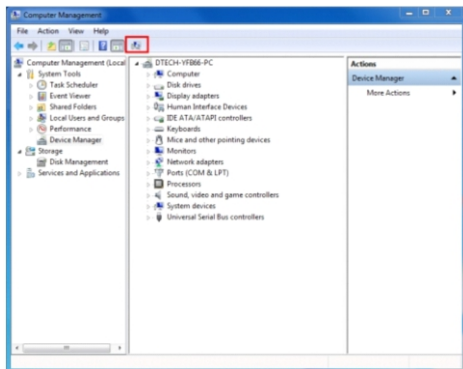
If the user needs to change the serial port port, you need to click "Advanced Settings" in "Port Settings".

In the "Advanced Settings", you can see the "COM Port Number" setting, click the "COM Port Number" option to change the port number of the serial cable.

After setting the port number of the serial cable, you can return to the "Device Manager" to check whether the serial cable has changed the port number. If the port number still cannot be changed, you can click Update Driver in the upper right corner of the "Device Manager" Icon to update (generally win7 system will automatically update the port number after setting up, XP system needs to update the driver to see whether the port number has changed).

So far, the whole process of installing and using the serial cable has been introduced. If the serial cable installation fails, or there is an "exclamation mark" in front of the COM port, it can be tested on other computers. If the same phenomenon occurs, it is recommended to return to the factory for repair. If there is a communication problem during use, please check whether your plug is in good contact, whether the port number is wrong, whether the baud rate has been changed, etc.; you can also turn off the power and restart the device, or let the device recognize the serial line, etc. Other ways to troubleshoot, but also do not eliminate compatibility issues.