

an instruction manual

Dear customer

Hello!

Thank you for your support and trust in Yinghe third generation new inkjet plotter. Yinghe plotter integrates the advanced technology of the same industry at home and abroad, is equipped with independent and advanced full-automatic intelligent paper receiving and putting system, and adopts HP hp45 ink cartridge, which leads to the realization of the printing technology of double nozzle, three nozzle and four nozzle, with stable performance, simple operation and high cost performance, especially suitable for the use of the clothing industry. We sincerely hope that you can provide us with valuable opinions when using our products. Your satisfaction is our greatest wish!

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3. When using the instrument power supply, make sure that the power supply is effectively grounded

——If the instrument is not grounded, the plotter will be seriously damaged due to the excessive discharge of electrostatic accumulation;

4. Non professionals should not dismantle or refit devices at will

——Damage consequences that may cause fire or unstable performance;

5. Do not put your hand beside the inker when the instrument is working. Do not move the inker manually and quickly when it is turned off

——In the process of fast moving, the unsteady current will be produced, which will damage the main board of the machine;

6. Do not continue to use the instrument in case of abnormal conditions (such as burnt smell, smoke, abnormal noise, etc.)

——Cut off the power supply immediately, check carefully, remove the hidden trouble, or contact professional personnel;

7. Keep the machine surface clean and avoid liquid or sundries entering the instrument

——Cause the circuit board short circuit to damage the machine and may cause fire;

8. When the instrument is not used for a long time, unplug the power cord, take out the ink cartridge and lift up the paper pressing wheel;

## Output management software installation and description

plotter output management software can draw \* PLT format files from all kinds of board software, such as Lectra, Gerber, PGM / optitex, et, Bock, Fuyi, etc., which can display the printing progress in real time, and has intelligent and automatic cleaning nozzle technology.

Copy Yinghe plotter output management software to any disk outside the non system disk (such as D / Yinghe output management software)

### 1. Output management software program installation

The output management software is a green installation free version, which can be copied to the root directory of any disk of the computer, and individual systems run  HPGJJet b.exe If the file does not respond, you need to

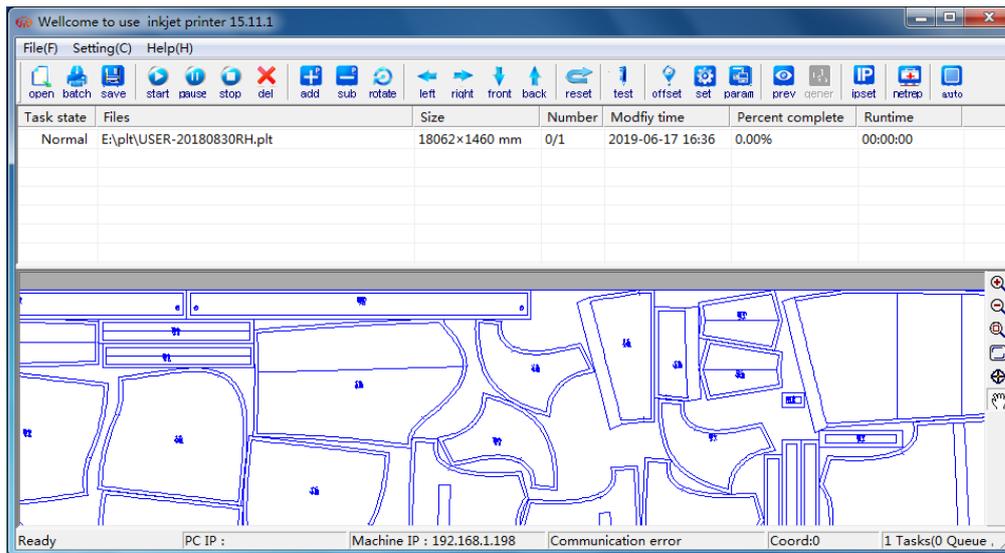
run "output center does not run install this file"“  vcredist2005\_x64.exe ”file,

Restart the computer after the installation is complete.

Right click here  HPGJJet b.exe File send to desktop shortcut

## 2.1 Interface Overview

### 2.1.1 output management software interface



The interface consists of four parts: toolbar, file list bar, preview area and status bar.

The toolbar function is mainly used to operate the mark files and set the machine parameters;

The file list column mainly displays the file name, width, copies, creation time and other file information of the selected file;

In the preview part, you can zoom in and out the selected file graph and the printing progress in the printing process;

The status bar displays the IP address, working status and coordinate value of the machine;

Hover over any function key in the toolbar for three seconds, and the status bar in the lower left corner will display the function description of the function key.

### 2.1.2 introduction to main button functions of toolbar



Start printing the selected file;



Pause the document being printed



Stop the document being printed;



Physically delete the file, and it cannot be recovered, and operate with caution;



Increase or decrease the number of printed copies of a single document;



90 degree rotation of graphics, commonly used in ultra wide printing;



In standby mode, test ink output of ink cartridge;



Set the printing starting point of the inker direction of the printed content. If the value is large, the printing will start in the middle, and if the value is small, the printing will start in the side;



See 2.2 plotter parameter settings for detailed settings



Preview the file graphics after operation;



Switch button for automatic printing;



This button on the right side of the page can select the print starting section; if the printing is not completed due to power failure or paper jam during the printing process, this function can realize the section selection printing content;

## 2.2 plotter parameter setting

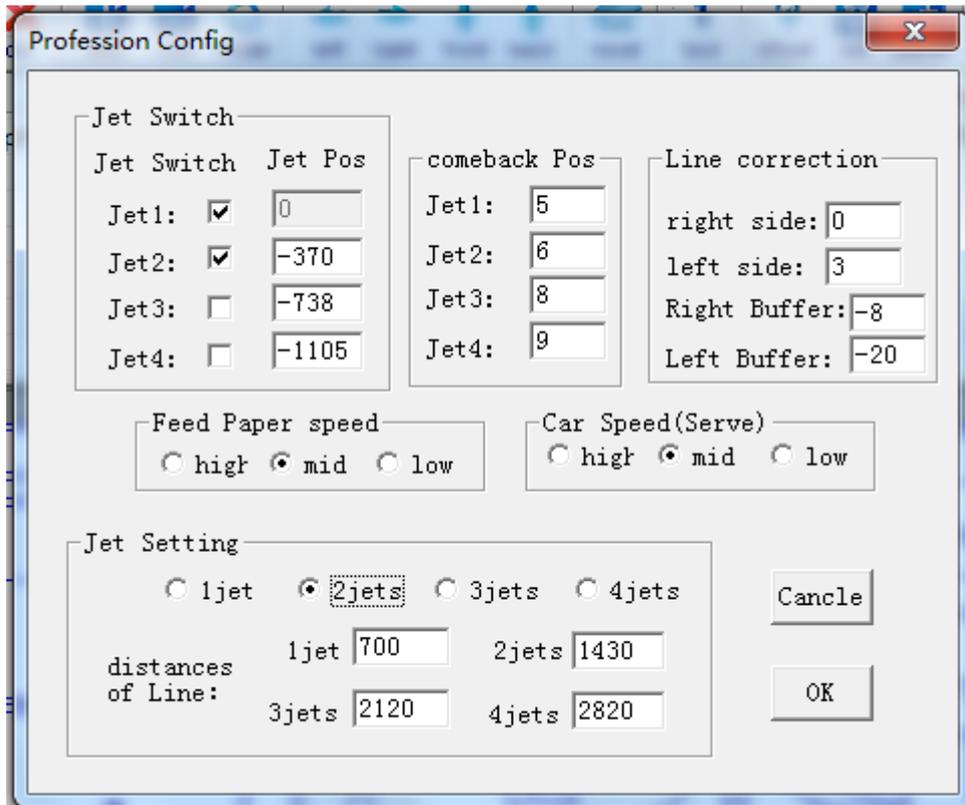
The newly installed plotter needs to make relevant parameter settings to adjust the

printing effect. Open the "machine parameters" icon



The password is "123456",

Enter the mechanical and operation parameter setting dialog box, as shown below:



When the machine leaves the factory, the factory technician has adjusted the relevant machine parameters of the machine, including the machine's motion parameters, machine model, number, version, delivery date, etc., which are pasted on the right rear side of the machine guide rail (the side of the switch). Please protect the parameters of this page properly so as to facilitate future maintenance of the certificate. Nozzle position setting: (take double nozzle as an example)

Set the relative position of the two nozzles to make the image drawn by the two nozzles in a single trip of the trolley form a straight line, "nozzle 1" is nozzle 1 (the right front nozzle), and its parameter is 0 by default, which does not need to be set. "Nozzle 2" is the second nozzle, which is adjusted based on No. 1. The general parameter is - 370. If the image ejected from a single stroke is offset, adjust the parameter of No. 2. Here is an example



If there is a left or right offset, increase or decrease the value of parameter 2 by 1 every time;

"Paper feeding speed" refers to the speed of paper feeding, with three gears of high, medium and low, and the factory default medium speed;

"Spray truck operation" refers to the speed of the spray truck moving back and forth, with three gears of high, medium and low. The factory default medium speed

**Nozzle setting:**

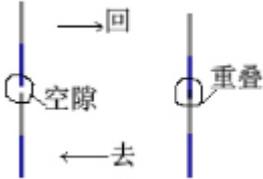
The adjustment of the single-step paper feeding distance of the step motor in the paper feeding direction is the adjustment of the line wiring ejected between the two strokes of the ink car. If there is a gap or overlap, adjust this value

Jet Setting

1jet  
  2jets  
  3jets  
  4jets

distances of Line:

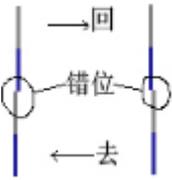
1jet	<input type="text" value="700"/>	2jets	<input type="text" value="1430"/>
3jets	<input type="text" value="2120"/>	4jets	<input type="text" value="2820"/>



In order to be clear, blue in the figure represents the line sprayed by No. 1 nozzle, while gray is No. 2. If there are gaps or overlaps in the figure, increase or decrease the number of nozzles to adjust the value below.

**Kinematic wiring correction:**

In the case that two ink cartridges are drawn in a straight line, the adjustment of the left and right dislocation of the two stroke lines of the ink cart one after the other. As shown in the figure below, you can adjust this value to draw a straight line. High, medium and low speed correspond to the operation speed of spray truck. The factory parameters are medium speed. It is recommended to use medium speed printing.



comeback Pos

Jet1:

Jet2:

Jet3:

Jet4:

If the ink output of two ink cartridges is drawn in a straight line, and the middle line of the ink carriage is drawn in a straight line, and the left and right sides are slightly misaligned, the parameters of the left and right sides can be adjusted for compensation, as shown in the following figure: (the range is 5 ` 10, please refer to the factory printed parameters)

Line correction

right side:

left side:

Right Buffer:

Left Buffer:

Left and right wiring correction: when there is slight dislocation between the left and right sides of the wiring back and forth, adjust this parameter to compensate, and the effective range of this value is - 3 ~ 3;

Left and right speed change distance: for "left and right wiring correction", this value refers to the length of speed change distance corrected by wiring;

Left and right buffer: the brake distance between the left and right sides. The general parameter is default. If there is edge collision or the edge line of the nozzle is not printed, the left buffer is - 7 by default and the right buffer is - 5 by default by adjusting this parameter.

## 2.3 system settings

### 2.3.3 drawing setting, error coefficient compensation (accuracy correction)

Plot Setting		Directory Settings	
Jet Scale(Unit:mm)			
	Set Size	Prac Size	Scale
Paper	<input type="text" value="500"/>	<input type="text" value="500"/>	<input type="text" value="1"/>
Paper Width	<input type="text" value="500"/>	<input type="text" value="500"/>	<input type="text" value="1"/>

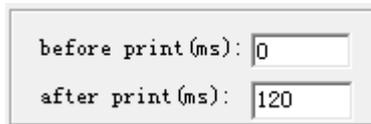
  

Plot Setting		Directory Settings	
Jet Scale(Unit:mm)			
	Set Size	Prac Size	Scale
Paper	<input type="text" value="500"/>	<input type="text" value="508"/>	<input type="text" value="0.984252"/>
Paper Width	<input type="text" value="500"/>	<input type="text" value="486"/>	<input type="text" value="1.028807"/>

"Paper length" refers to the direction of paper in and out, and "paper width" refers to the direction of left and right movement of the inkjet

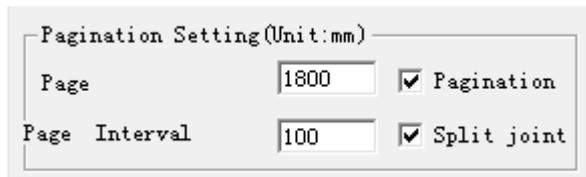
This setting is used to adjust the size error printed out. Step: first set the parameter as "before debugging" in the upper left figure, and then print a 500mm \* 500mm block diagram. After printing, pave the block diagram size printed with ruler, and then fill in the corresponding position, as shown in "after debugging".

#### 2.3.4 print feed



A screenshot of a software interface showing two input fields. The first field is labeled "before print (ms):" and contains the value "0". The second field is labeled "after print (ms):" and contains the value "120".

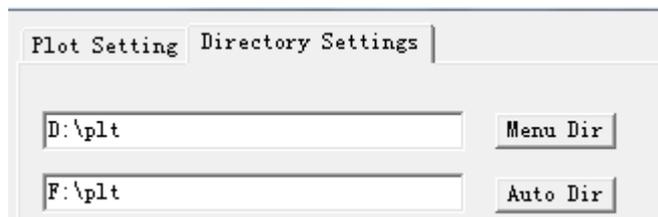
Set the time of automatic paper feeding before printing or after printing, which can be set according to the actual needs, generally 0 by default;



A screenshot of a software interface titled "Pagination Setting (Unit:mm)". It contains two rows of settings. The first row has a text input "Page" with the value "1800" and a checked checkbox labeled "Pagination". The second row has a text input "Page Interval" with the value "100" and a checked checkbox labeled "Split joint".

The paper width is generally larger than the web paper width by default. The default setting is 1880. If the width of the paper to be printed is larger than the size of the web, set the paper width as the width of the paper cylinder, for example, for 1.83M paper, set about 1800; for 160mm paper, set the paper width as 1550mm to print the layout of 1850mm fabric width, and the page spacing refers to the page spacing distance, which is generally 100 by default

#### 2.3.6 directory setting



A screenshot of a software interface with two tabs: "Plot Setting" and "Directory Settings". Under "Directory Settings", there are two rows. The first row has a text input "D:\plt" and a button "Menu Dir". The second row has a text input "F:\plt" and a button "Auto Dir".

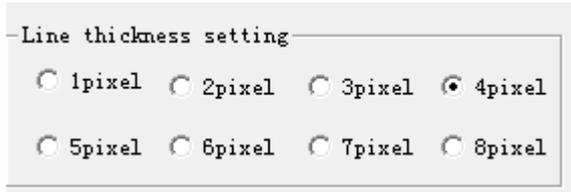
As shown above

"Open directory" refers to the setting to open the print file of a specified folder and display it in the list; "Shared directory" means to set the read path of the

automatic printing directory   Check to enter the automatic printing directory. If not checked, it will not be automatically printed.

Note: the manual directory and automatic directory can't set a folder

#### 2.3.7 线条粗细设置



The line condition of 1-8 pixels can be set. The larger the pixel, the thicker the line. Generally, 3 images are selected by default

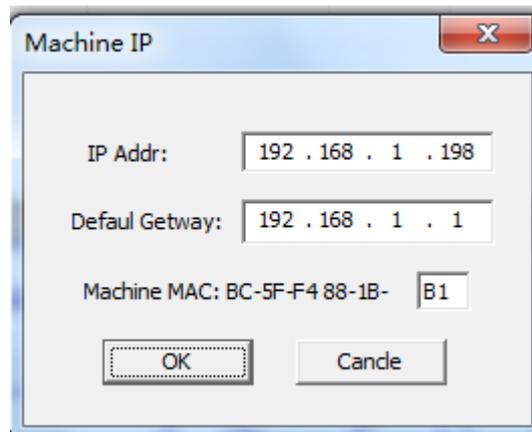
#### 2.4 plotter and computer connection settings;

Press and hold the pause button on the key board of the machine before the first online printing of the machine is installed

The plotter adopts the optimal network transmission mode, and its connection principle is to set the IP of PC and plotter in the same network segment, AS 192.168.1.\*\*\*。

The factory IP setting of plotter is 192.168.1.198, Open the output management

software toolbar.  , Password “123456” Go in to see the IP information of the



machine, as shown in the following figure:

In this case, just set the IP of the computer connected to the plotter to: 192.168.1.\*\*\* 。

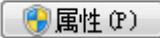
A diagram of the way between computer and printer

Illustration 1: the setting method that the printer network cable is directly plugged into the network port behind the computer host, the computer will not be able to access the

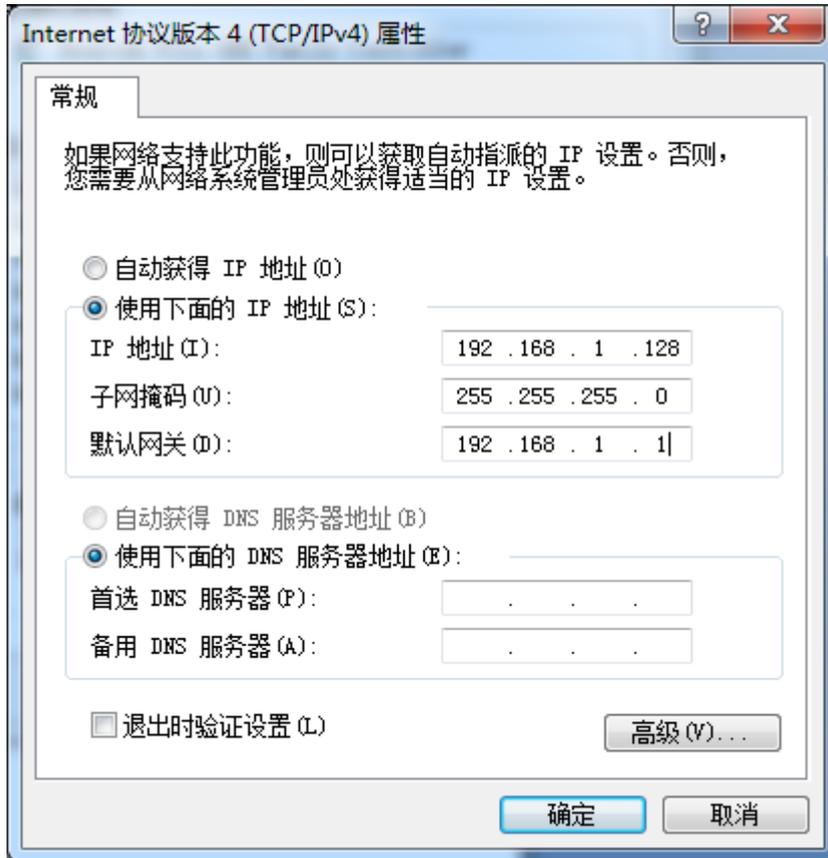


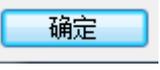
Internet Click on the desktop 右键属性，找到

访问类型: Internet  
连接: 本地连接

，打开本地连接，点击  ，找到

Internet 协议版本 4 (TCP/IPv4) 点击属性按照下图设置，IP 地址 192.168.1.128  
(可以从 2-255，198 和 1 不能用)



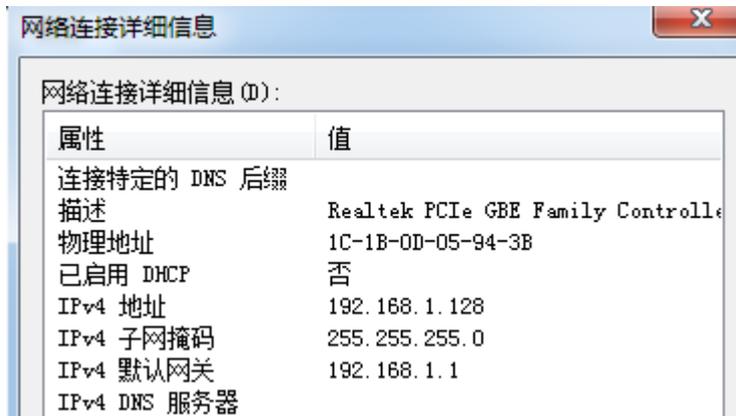
设置好以后点击 ，再点击 ，再点击 。

图解二：打印机直接插路由器上的链接方法，路由器网关是 192.168.1.1 的设置方法

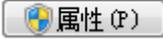
如何查询路由器网关：点击 ，打开网络和共享中心，打开

访问类型: Internet  
连接:  本地连接

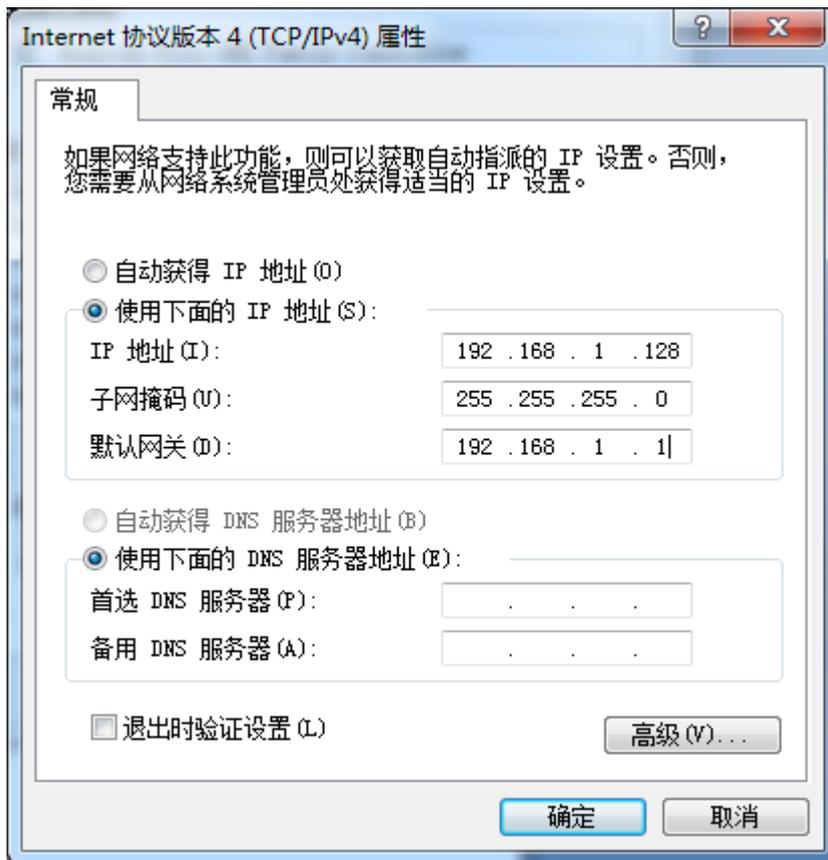
点击  ,

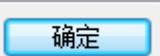


, 下来点击关闭, 继续按

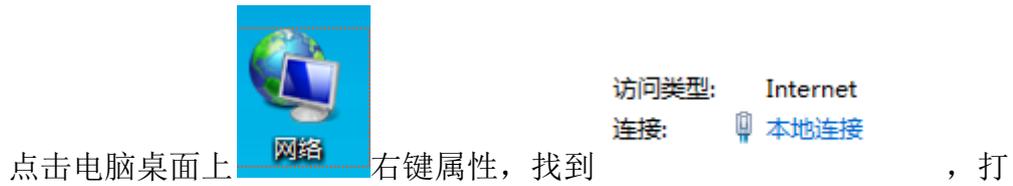
照图一的方法操作, 打开本地连接, 点击  , 找到

 点击属性按照下图设置, IP 地址 192.168.1.128 (可以从 2-255, 198 和 1 不能用)

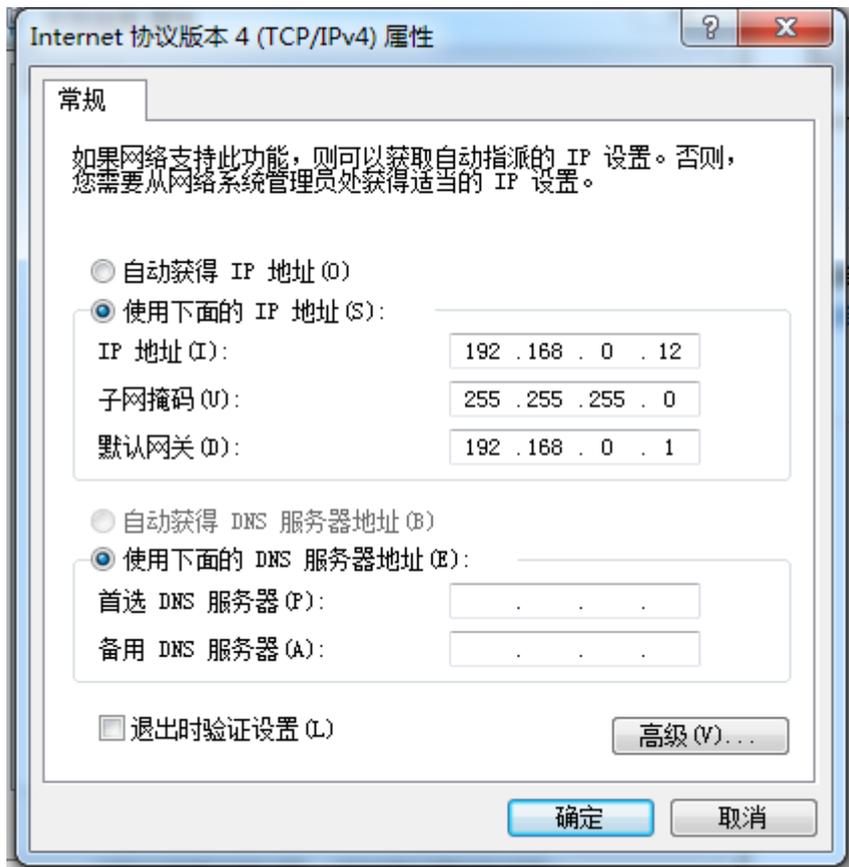


设置好以后点击  , 再点击  , 再点击  。

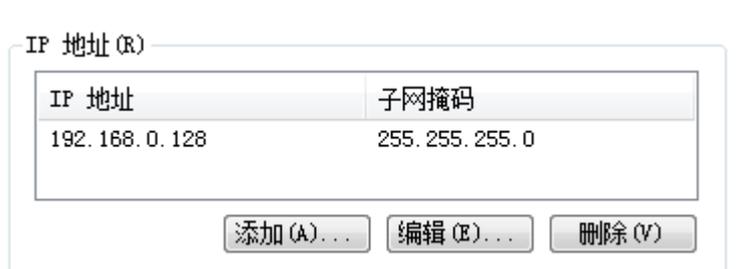
图解三：打印机直接插路由器上的联接方法，路由器网关是 192.168.0.1 的设置方法，（这里的 0 可以是 2.3.任何数字）



Click on the '属性 (P)' button, find 'Internet 协议版本 4 (TCP/IPv4)', click on the property according to the diagram below.



Click on the '高级 (V)...' button.





点击添加，再次点击添加，添



加成功后是

这样的，下来



接着添加网关

，点击添加，



点添加，添加后



，以上设置完毕，点击



再点



再点



，在点



，本次设

置完毕。

## Common problems and Solutions

Q1: after the plotter is installed, turn on the power switch, and the machine has no power?

- A1:1. Check whether the power cord is firmly plugged or in poor contact;
2. Check whether the power switch of the host fails or the switch fuse is burnt out;
3. Check whether the power cord is damaged;

Q2: plot instructions have been output, but the plotter does not work?

- A2:1. Whether the data line is correctly connected or the two ends are in poor contact;
2. Check whether the printer is connected to the computer;
3. Whether the key pressing panel of the plotter pauses printing by pressing "print / pause";
4. Check whether the file format is \* PLT format;
5. If the software file is damaged or windows is abnormal, it is necessary to reinstall the software or computer system;

Q3: during the operation of the plotter, the machine suddenly stopped?

- A3:1. Check whether the output task has been printed;

2. Whether the data transmission is interrupted due to the sudden shutdown or restart of the computer during the printing process;

3. The current network cable port falls off or the network cable has problems, resulting in abnormal transmission;

4. Abnormal operation;

Q4: is the printed line ink free or unclear?

A4:1. The ink cartridge is not in good contact with the contact plate;

2. Check the contact of ink cartridge and contact plate for damage;

3. Check whether ink cartridge is used up;

4. Poor contact or damage of contact plate or control board;

5. If the quality of ink cartridge is poor, re purchase high-quality ink cartridge;

Q5: is there displacement, gap or overlap between printed lines?

A5:1. If the nozzle position parameter is not set or the nozzle position is offset, it is necessary to adjust the nozzle setting parameter;

2. If the step parameter setting is too large or too small, adjust the step parameter of nozzle group;

Q6: paper in and out of print?

A6:1. The balance bar is not placed in place, check whether the balance bar is placed in the depth of the card slot;

2. If the inductor is damaged, check whether the motor rotates when the sensor is close to the surface by hand;

3. The device wiring and circuit board are loose;