

How to configure IP address for Ethernet port printers

Three ways to configure printer IP address:

- a) Make configuration directly by test tools software in the CD driver within printer package.
- b) Make configuration by sending the command codes; (suitable for three ports printers)
- c) Make configuration by browsing the WEB; (suitable for three ports printers)

I. Make configuration directly by test tools software:

1.Printing Self-test to check the printer's own IP address (factory default IP: 192.168.123.100); self-test m ethod: turn off the printer, then turn on the printer while holding down the FEED button, 2or 3 seconds lat er, release the FEED button and a page with the title "self test" will be printed out as shown by the pictu re below:



2.Confirm the printer IP address and then connect the printer to a computer through a hub, switch or cable directly (direct interconnection method). (Note: the IP address may not be modified if the connection is est ablished through a router) Change the IP address by the test tool software in the CD, the software is as foll ows:

Port Select © LPT © COM © USB 1	• NET	Printer Type © XP-58	© XP-76	2 • XP-80
LPT Settings COM Settings	9600	*) [RT	S	•
NET Set Local IP: 3 192 . 168 . 19	. 10	Refresh	Auto Se	tlp
Printer IP: 4 192 . 168 . 123	3 . 100	Connect	Ping	
New IP: 5 192 . 168 . 19	. 100	Set New IP	NetMon	iitor
New ID: 0 . 0 . 0	. 0	New ID	(Set last for	ur ID)
Content NO. Rep: 1 +	HEX Clea	r AutoSend	Cyc 5	500 ms CutPaper
Content NO. Rep: 1	HEX Clea	r AutoSend	Cyc E	500 ms CutPaper Print Cut Paper Open cash drawe Traditional Driver Print
Content NO. Rep: 1	HEX Clea	r AutoSend	Cyc E	500 ms CutPaper Print Cut Paper Open cash drawe Traditional Driver Print Advanced
Content NO. Rep: 1 *	HEX Clea	r AutoSend	Cyc E	500 ms CutPaper Print CutPaper Open cash drawe Traditional Driver Print Advanced 中文简体



2.1 Port selection----- NET

2.2 Printer Type ----- XP-80

2.3 Local IP ----- The computer IP address. Click "refresh" button, the computer IP address will be displayed. (Note: if the refreshed IP address is 0.0.0.0, then it means the local IP conflicts with other devices, and make sure your IP address is unique)

2.5 New IP address ------Enter the IP address you want to change to, click "set up IP" button to complete the IP setting.

3. Click "set up IP" button, the computer will wait for10 seconds before a prompt window appears indicating succe ssful setting. In the process of resetting IP, the computer will be cut down and then automatically reconnect as show n in the picture below:

OLPT O	COM OUSB	NET	Printer Type © XP-58	© XP-76
LPT Settings	COM Settings	9600	- RT	S *
NET Set Local IP:	192 . 168 . 1	9.35	Refresh	Auto Set Ip
Printer IP:	192 . 168 . 12	23 . 100	Connect	Ping
New IP:	192 . 168 . 1	9.100	Set New IP	NetMonitor
New ID:	0.0.0).0	New ID	(Set last four ID)
				Cut Dener
			OK	Open cash dra Traditional Driver Print

4. After the prompt window indicating "printer address successfully set " appears, print self test page again to see if the IP address has been modified, as shown in the picture below:

Selftest
Version : 2.5AF Speed :: 200mm/s Interface : Ethernet(100K) Protocols : TCP/IP EthernetID: 00-DC-80-69-99-67 IP address: 192.168.19.100 Netmask :: 255.255.255.0 NetGateway: 192.168.19.1 Net DHCP : Disabled Cutter :: Yes Beeper :: Yes Avoid lost Doc :: Off BlackMark SENS L.H: 12.12 Image NV Download : Yes Default code page :: Page0 Chinese character :: Yes



Note: if the above methods to modify the IP address are not successful, it's suggested that the computer IP address and the printer IP address shall be set within the same network segment: 193.168.123. XXX, before connecting the printer (excluding the router method) to the computer and using tools to modify the IP. Specific method is as follows:

1. Click online neighbors - local connection - property - Internet protocol, then manually configure IP as shown in the following pictures:

Internet Protocol Version 4 (TCP/IPv4) Properties							
General							
You can get IP settings assigned autom this capability. Otherwise, you need to for the appropriate IP settings.	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.						
Obtain an IP address automatical	ly						
Use the following IP address:							
IP address:	192 . 168 . 123 . 120						
Subnet mask:	255 . 255 . 255 . 0						
Default gateway:	192 . 168 . 123 . 1						
C Obtain DNS server address auton	natically						
└ Use the following DNS server add	resses:						
Preferred DNS server:							
Alternate DNS server:							
Validate settings upon exit Advanced							
	OK Cancel						

2. Reopen the test software again, click "refresh" button to update the local IP address, then click the "connection test" button, after the prompt window indicating the successful connection appears, click the "set up IP" to modify the printer IP address. Please refer to the picture below:

© LPT ©	COM OUSB	NET	Printer Type	© XP-76	XP-80
LPT Settings	COM Settings	9600	- RT	S *	
NET Set Local IP:	192 . 168 . 1	123 . 120	Refresh	Auto Set Ip	
Printer IP:	192 . 168 .	19 . 100	Connect	Ping	
New IP:	192 . 168 .	19 . 100	Set New IP	NetMonitor	
New ID:	0 C XPrin	ter		t last four ID))
	100				Print
Velcome to use t eceipt printer con	he impact and npany!		OK		Cut Paper Open cash drawe
Velcome to use t eceipt printer con	he impact and npany!		OK	DS A	Print Cut Paper Open cash drawe Traditional
Nelcome to use t eceipt printer con	he impact and npany!		OK	DS A	Open cash drawe Traditional Driver Print
Nelcome to use t eceipt printer con	he impact and npany!		ОК		Cut Paper Open cash drawe Traditional Driver Print Advanced
Velcome to use t	he impact and npany!		OK		Print Cut Paper Open cash drawe Traditional Driver Print Advanced 中文简体



3. Printing the Self test again to see if IP address has been modified successfully:



The above self test page shows that the new IP address has been set successfully. This method is suitable for all Ethernet port printers.

II. Make configuration by sending the command codes

There are two other modification methods for three ports printers, the first method is as follows:

1. Connect the printer to the computer through the serial port, USB port and the Ethernet port, then test th e USB or serial port for normal communication, if the test is OK, send command via a serial port or USB p ort to modify the Ethernet port IP (Command:1F1B1F91004950ip1~ip4). Please refer to the following pict ure:

	COM OUSB	© NET	Printer Type © XP-58	© XP-76	⊚ XP-80 2
LPT Settings	COM Settings	9600	*] [RT	ſS	•
NET Set	192 . 168 . 1	9 . 35	Refresh	Auto Se	at In
Printer IP:	192 . 168 . 1	23 . 100	Connect	Ping	1
New IP:	192 . 168 . 1	9 . 100	Set New IP	NetMor	nitor
New ID:	0.0.0	0.0	New ID	(Set last fo	ur ID)
F 1B 1F 91 00 49	5 50 C0 A8 13 64			1	▲ 5 Print
F 1B 1F 91 00 49	50 CO A8 13 64 Want to char	nge the IP a	ddress for the	4	5 Print Cut Paper Open cash draw Traditional
F 1B 1F 91 00 49	50 CO A8 13 64 Want to char	nge the IP a	ddress for the	4	5 Print Cut Paper Open cash draw Traditional Driver Print
F 1B 1F 91 00 49	50 CO A8 13 64 Want to char	nge the IP a	ddress for the	4	 Frint Cut Paper Open cash draw Traditional Driver Print Advanced
F 1B 1F 91 00 49	50 CO A8 13 64 Want to char	nge the IP a	ddress for the	4	► 5 Print Cut Paper Open cash draw Traditional Driver Print Advanced 中文简体



- (1): Select a serial port or USB port
- (2): Select a printer type
- (3): Choose HEX
- (4): Input command code to change the IP in the printing content box: 1F1B1F91004950C0A81364, this is the IP address, as shown in the above picture, IP address is 192.168.19.100, and the corresponding hexadecimal is C0A81364.
- (5): Finally click "print" button, and the printer will beep once, it suggests the command has been sent successfully. Finally, self check the printer again to see if the IP address has been modified.

III. Make configuration by browsing the WEB

For **three ports printers**, the second method to change the IP address is through the WEB. The specific meth od is as follows:

1. Make the computer IP address and the printer IP address get into the same network segment as described in details above.

2. Open your browser; enter the IP address of the printer in the address bar, for example, the current printer IP is 192.168.123.100, as shown in the picture below

🖉 Ethernet po	ort configuration - Windows Interne	et Explorer	_ & ×
G 🕤 🗕 🛛	🕖 http://192.168.123.100/	💽 🐓 🗙 📴 Bing	₽ •
🔆 Favorites	Ethernet port configuration		
		Ethernet WebConfig Version 1.02	-
	Information	Ethernet Information View the current Information of Ethernet	
	<u>Configuration</u> <u>Printer Status</u> <u>Printer Test</u> <u>Restart</u>	Mac Address 00-4A-5A-64-67-6B IP Address 192.168.123.100 Subnet Mask 255.255.255.0 Gate Way 192.168.123.1 DHCP Disabled DHCP Timeout 90	
		Tataraat Dratartad Maday Off	S = 100% =



Ethernet p	ort configuration - Windows Intern	et Explorer	_ 8 ×
() ▼	E http://192.168.123.100/	💌 🐓 🗶 📴 Bing	
🔆 Favorites	Ethernet port configuration		
		Ethernet WebConfig Version 1.02)
	Information	Configure Ethernet Settings for the Ethernet Interface	
	<u>Printer Status</u>	IP Address: C DHCP Client: DHCP Timeout (s)	
	• <u>Printer Test</u>	 Fixed IP Address: Device IP Address 192 . 168 . 123 . 100 Subnet Mask 255 . 255 . 0 Gateway Address 192 . 168 . 123 . 1 	
	Restart	Restore Default Save cancel 3	
h			

- (1):Click "Configuration" button.
 (2): Input the IP address, subnet mask and gateway address you want to set respectively in the three lines
- (3) :Click the "Save" button to save the related Setting information

Note that only the printers and computer within the same network segment are allowed to enter the WEB configuration interface.

