

# **Title : Print Server Installation Guide**

# **Contents** :

- 1. Before installation.
  - **1.1** Please install LTT printer driver in the computer.
  - **1.2** The following instruction works for XP/Windows 7.
  - **1.3** Here is the structure relation of print server and laser machine.



- **1.4** If you will install the print server to a local area network. Check your current computer IP address.
  - 1.4.1 Go to <Start> → <Search>, and key in <cmd>, and click it to run.



**1.4.2** Key in <ipconfig> and press Enter. You will see a four digit numbers, 192.168.2.71 is the IP address of current computer in this example.





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- **1.4.3** Check with your IT administrator, prepare an IP for the print server and will not conflict with other computer.
- **1.5** If you will install the print server to only one computer. You can skip step 1.4.
- 2. Print server setup.
  - 2.1. Before connection with print server, please change the current computer IP address to 192.168.0.2



- 2.2. Change current computer IP address.
  - 2.2.1. Go to <Control Panel>→<Network and Internet>→<Network and Sharing Center>. Click <Local Area Connection>.

Control Panel Home	View your basic network information and set up connections	
Change adapter settings	See full map	
Change advanced sharing settings	USER-PC Unidentified network Internet (This computer)	
	View your active networks Connect or disconnect	
	Unidentified network         Access type:         No network access           Public network         Connections         Q Local Area Connection	
	Change your networking settings	
	Set up a new connection or network	

2.2.2. At <Local Area Connection Status> window, click <Properties>.

eneral		
Connection		
IPv4 Connectiv	vity:	No network access
IPv6 Connectiv	vity:	No network access
Media State:		Enabled
Duration:		02:28:45
Speed:		100.0 Mbps
Activity		
Activity ———	Sent —	Received
Activity ———	Sent —	Received
Activity ——— Packets:	Sent — 1,125	Received



2.2.3. Choose <Internet Protocol Version 4 (TCP/IPv4)>, and click <Properties>.



# 2.2.4. Change IP address to 192.168.0.2 and press OK.

neral		General	
ou can get IP settings assigne his capability. Otherwise, you or the appropriate IP settings	ed automatically if your network supports need to ask your network administrator	You can get IP settings assign this capability. Otherwise, you for the appropriate IP setting	ed automatically if your network supports u need to ask your network administrator s.
Obtain an IP address auto	omatically	Obtain an IP address au	tomatically
• Use the following IP addre	ess:	Use the following IP add	ress:
IP address:	192 . 168 . 2 . 71	address:	192.168.0.2
Subnet mask:	255 . 255 . 255 . 0	Subnet mask:	255 . 255 . 255 . 0
Default gateway:	· · ·	Default gateway:	
Obtain DNS server addres	ss automatically	Obtain DNS server addre	ess automatically
Use the following DNS ser	ver addresses:	O Use the following DNS set	rver addresses:
Preferred DNS server:		Preferred DNS server:	· · · ·
Alternate DNS server:	• • •	<u>A</u> lternate DNS server:	• • •
Validate settings upon ex	dt Ad <u>v</u> anced	🕅 Vaļidate settings upon e	Ad <u>v</u> anced

- 2.3. Connect the power to print server, make sure the status led light is ok. It will flash 5 times and then become steady orange.
- 2.4. Use a RJ45 cable to connect with the computer and print server. Make sure the network indicator is ok. The default IP address of print server is 192.168.0.10





2.5. Open Internet Explorer and key in http://192.168.0.10

Here you can set a new IP address to print server. For example, we change the IP to 192.168.2.70 and then press <Save & Restart>. Follow step 2.2 to change the IP of computer back to original setting.(In this example, it is 192.168.2.71)

	, , , , , , , , , , , , , , , , , , ,	×
PU2	01S USB Print Serve	er
Restart		View Job Log
System Information		
Print Server Name :	PU201S-309DCE	
System Up Time :	0:02:11	
Firmware Version :	9.08.47X 8023 (2011/06/28 11	:09:49)
MAC Address :	00-40-01-30-9D-CE	
IP Address : Subnet Mask : Default Gateway	192.168.0.10 255.255.255.0 : 0.0.0.0	▶ 192.168.2
IP Address : Subnet Mask : Default Gateway Administrator's Password	192.168.0.10 255.255.255.0 : 0.0.0.0	▶ 192.168.2
IP Address : Subnet Mask : Default Gateway Administrator's Password Account :	192.168.0.10 255.255.255.0 : 0.0.0.0	• 192.168.2
IP Address : Subnet Mask : Default Gateway Administrator's Password Account : Password :	192.168.0.10       255.255.255.0       :     0.0.0   admin	• 192.168.2
IP Address : Subnet Mask : Default Gateway Administrator's Password Account : Password : Re-type Password :	192.168.0.10 255.255.255.0 : 0.0.00	• 192.168.2
IP Address : Subnet Mask : Default Gateway Administrator's Password Account : Password : Re-type Password : Printer Information	192.168.0.10       255.255.255.0       :       0.0.0.0	• 192.168.2
IP Address : Subnet Mask : Default Gateway Administrator's Password Account : Password : Re-type Password : Printer Information Manufacturer :	192.168.0.10         255.255.255.0         :       0.0.00         admin	• 192.168.2
IP Address : Subnet Mask : Default Gateway Administrator's Password Account : Password : Re-type Password : Printer Information Manufacturer : Model Number :	192.168.0.10         255.255.255.0         :       0.0.00         admin	• 192.168.2
IP Address : Subnet Mask : Default Gateway Administrator's Password Account : Password : Re-type Password : Printer Information Manufacturer : Model Number : Printing Language Supported : Current Status :	192.168.0.10 255.255.255.0 : 0.0.00 admin	• 192.168.2
IP Address : Subnet Mask : Default Gateway Administrator's Password Account : Password : Re-type Password : Printer Information Manufacturer : Model Number : Printing Language Supported : Current Status :	192.168.0.10 255.255.255.0 : 0.0.00 admin	• 192.168.2

- 2.6. Please remember, the computer and print server must stay at the same network segment IP and without any confliction.
- 3. Printer driver setup.
  - 3.1. Connect the print server with laser machine by USB cable.





3.2. Go to <Devices and Printers>, choose the laser machine printer. Right-click it and then click the <Printer properties>



3.3. Choose <Ports> tab, click <Add Port...>.



3.4. Choose <Standard TCP/IP Port>, and then click <New Port...>.

<u>Available port ty</u>	pes:			
CutePDF Writer	Monitor			
Standard TCP/I	P Port			
New Port Ty	pe	New Port	Cancel	



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3.5. It will show a <Add Standard TCP/IP Printer Port Wizard> welcome window, click <Next>>.

Welcome to the Add Standard TCP/IP Printer Port Wizard
This wizard helps you add a port for a network printer.
Before continuing be sure that: 1. The device is turned on.
2. The network is connected and configured.
To continue click Next.

3.6. In this add port step, please enter the IP address of print server. For example, we key in 192.168.2.70. (It is different with computer's IP 192.168.2.71) Then click <Next>>.

Add port	id a part?			
For which device do you want to at	iu a poir?			Z
Enter the Printer Name or IP ad	dress, and a port na	me for the desir	ed device.	
Printer Name or IP <u>A</u> ddress:	192.168.2.70			]
<u>P</u> ort Name:	192.168.2.70			

3.7. It will show a detecting window.



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**3.8.** When it detects the IP, it will show a window for additional port information required. Choose custom and click <Settings...>.

The device co	nformation required uld not be identified.	
The device is not	found on the network. Be sure that:	
1. The device is	turned on.	
2. The network	is connected.	
<ol> <li>The device is</li> </ol>	properly configured.	
If you think the a	ddress is not correct, click Back to return to the pr	evious page. Then correct the
If you think the a address and perf device type below	ddress is not correct, click Back to return to the pr orm another search on the network. If you are sur w.	evious page. Then correct the e the address is correct, select the
If you think the a address and perf device type below Device Type	ddress is not correct, click Back to return to the pr orm another search on the network. If you are sur w.	evious page. Then correct the e the address is correct, select the
If you think the a address and perf device type below Device Type O Standard	ddress is not correct, click Back to return to the pr orm another search on the network. If you are sur w.	evious page. Then correct the e the address is correct, select the w

3.9. In the <Configure Standard TCP/IP Port Monitor> window, click <LPR>, check <LPR Byte Counting Enabled>. And key <LP1> in the <Queue Name>. Click <OK> when you finish.

and Manager		100 100 0 70		
Port Name:		192.108.2.70		
Printer Name or IP <u>A</u> ddress:		192.168.2.70		
Protocol				
<u>R</u> aw		L	<u> <u> </u> </u>	
Raw Settings				
Port <u>N</u> umber:	9100			
LPR Settings				
Queue Name:	LP1			
✓ LPR Byte Counting	Enabled			
SNMP Status Enabl	ed			
<u>C</u> ommunity Name:	public			
	4			

3.10. It will go back to <Add Standard TCP/IP Port Wizard> window, click <Finish>. And it will go back to <Printer Ports> window, click <Close>.

Add Standard TCP/IP Printer Po	rt Wizard		
	Completing Printer Port	the Add Standard TCP/IP Wizard	
	You have selected a	port with the following characteristics.	
10	SNMP:	No	
	Protocol:	LPR, LP1	
	Device:	192.168.2.70	Printer Ports
	Port Name:	192.168.2.70	Available part types
	Adapter Type:		CutePDF Writer Monitor Local Port Standard TCP/IP Port
	To complete this wi	izard, click Finish.	
		< Back Finish Cancel	New Port Type New Port Close



3.11. You will see a checked new port 192.168.2.70, just click <Apply>. Uncheck <Enable bidirectional support>.

Baneral     Sharing     Ports     Advanced     Color Management     See       Image: Second S		Job Page Power Sc			Power	Scale
LaserCAM_A3  Crint to the following port(s). Documents will print to the first free checked port.  Port  Description  Printer  COM2: Serial Port  COM4: Serial Port  FILE: Print to File  IISPO0  192.168.2.70 Standard TCP/IP Port LaserCAM_A3  Add Port  Delete Port  Configure Port	neral Sharing	Ports	Advanced	Color Man	agement	Securit
Port Description Printer COM2: Serial Port COM3: Serial Port COM4: Serial Port FILE: Print to File ISB001 Virtual printer port for V2000 il ASEP.4000 ISB001 Virtual printer port for V2000 il ASEP.4000 ISB001 Virtual printer port LaserCAM_A3 Automatical CP/IP Port LaserCAM_A3 Cum	LaserCA	AM_A3		rint to the fi	ret from	
COM2: Serial Port COM3: Serial Port COM4: Serial Port FILE: Print to File FILE: Print to File FILE: Vistual of CP/IP Port LaserCAM_A3  Add Port Delete Port Configure Port. Configure Port	ecked port.	Descriptio	un ents wiir p	Dripter	ischee	*
COM2:     Serial Port       COM3:     Serial Port       COM4:     Serial Port       TLE:     Print to File       III:     Vidual order on the comparison of the compari		Casial Date	an.	Finiter		
COM3: Serial Port COM4: Serial Port FILE: Print to File US8001 Vidual priotec port for V2000. iLASER.4000 Vidual priotec port for V2000. iLASER.4000 Vidual priotector for V2000. iLASER.4000 Vidual priotector for V2000. iLASER.4000 Add Port Delete Port Configure Port		Serial Port				
COMM:     Senar Fort       FILE:     Print to File       US9001     Victual printer port for       V 192.168.2.70     Standard TCP/IP Port       LaserCAM_A3        III       Add Port,     Delete Port		Serial Port				
ILSE001     Virtual offset port for     V2000 il ASEP.4000       ISE001     Virtual offset port for     V2000 il ASEP.4000       Ise1021     Virtual offset port for     LaserCAM_A3       Image: Add Port     Delete Port     Configure Port	COIVI4:	Drint to Ei				E
Ig2168.2.70     Standard TCP/IP Port     LaserCAM_A3       III     III     III       Add Port     Delete Port     Configure Port	The last sectors and the secto		0			
✓     III       Add Port     Delete Port	I HILE:	Virtual pri	le nter port for	V2000 iL4	SER-4000	
Add Por <u>t</u> <u>D</u> elete Port <u>C</u> onfigure Port	FILE: USB001 7 192.168.2.70	Virtual pri Standard	le nter port for TCP/IP Port	V2000 il / LaserCAN	SER-4000	•
	FILE: USB001 7 192:168.2.70	Virtual pri Standard	le nter port for TCP/IP Port III	V2000 il / LaserCAM	1_A3	-
Enable bidirectional support	FILE: USB001 192.168.2.70 Add Por <u>t</u>	Virtual pri Standard	le nter port for TCP/IP Port III Delete Port	V2000 il / LaserCAM	SER-4000 1_A3 Configure P	Þ Port
Enable printer pooling	Add Port	Virtual pri Standard	le nter nort for TCP/IP Port III Delete Port	V2000 il / LaserCAM	SER-4000 1_A3 Configure P	Port
	Add Port	Virtual pri Standard	le pter port for TCP/IP Port III Delete Port	V2000 il / LaserCAM	SER-4000 1_A3	Port
	Add Port	Standard Standard onal support	le pter port for TCP/IP Port III Delete Port	V2000 il ( LaserCAM	1_A3	r Port

- 4. Go back to default setting
  - 4.1. Remove the RJ-45 and USB cables from print server.
  - 4.2. Take off the power of print server, keep pressing the <Reset> bottom and don't let go.
  - 4.3. Put the power back in the same time.
  - 4.4. After 10~15 seconds, release the <Reset> bottom.
  - 4.5. It will go back to default setting, the IP address will become 192.168.0.10

# 5. Parts Number

Parts Number	Name	Specification	Remark
A700701420	Print Server(Print Port)	PU101S	For LPT port machine
A700701520	Print Server(USB)	PU201S	For USB port machine