1-port USB 2.0 Print Server

Manual (GPSU21)



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Welcome

Thank you for purchasing this 1-port USB 2.0 Print Server that allows any networked computer to share a USB printer. It complies with USB 2.0 specifications (and is backward compatible with USB 1.1), and provides an auto-sensing Ethernet port that works with either 10Base-T or 100Base-T networks. This unit also supports multiple protocols and multiple operating systems, and it integrates Internet Printing Protocol (IPP) to allow users to print from anywhere using the internet. The built-in web management feature provides more convenience by allowing the user to configure, monitor and even reset the print server via a web browser. This eliminates the need to place the printer right next to the computer. Print jobs can be sent to a printer in another country just as easily as to a printer in the same office. Why bother sending a degraded fax image while you can print an original at the destination?

We hope that you will enjoy using your Print Server and find it to be a useful solution.

Table of Contents

Package Contents	5
Features	6
System Requirements	7
Hardware Installation	8
Software Installation - Windows	9
Software Installation - Mac	16
Software Installation – IPP	18
Technical Support	21
Warranty	22

Package Contents

This package should contain:

- USB 2.0 Print Server
- CAT5 Patch Cable
- Power Adapter
- Installation CD
- User Manual
- Warranty/Registration Card

If any items are damaged or missing, please contact your dealer.

Features

- Easily connects your USB printer to a network
- Allows multiple computers to share one USB printer on the network
- · Print from any computer on your network or from across the Internet
- Supports DHCP Client and multiple network protocols
- 10Base-T/100Base-T auto-sensing
- Supports Telnet and Web Management software

System Requirements

This USB 2.0 print server supports:

- Windows 98SE/ME/2000/XP/2003
- Mac OS 9.22 or later
- Unix/Linux
- · Printer with a USB connection



Hardware Installation

- 1. Connect a USB cable from the printer to the USB port on the print server.
- 2. Connect one end of the ethernet patch cable to the ethernet port on the print server.
- Connect the other end of the ethernet cable to the network. It can be plugged into a router, ethernet switch/hub, or bridge.
- 4. Connect the Power adapter to the print server.



 Insert the Setup CD into your computer. The setup utility should launch automatically. If it does not, browse to your CD drive and launch the autorun.exe file from the CD. Click the Setup Wizard option from the main menu.

Welcome to	
1-Port USB 2.0 Print S	erver
e Se Wi	tup Linstallation Manual Exit
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Software Installation - Windows

2. A wizard will step you through the entire process on Windows computers. Click **Next** to continue.

twork Print Server Setup	Wizard
<u>н</u>	Welcome to the Network Print Server Setup Wizard
Welcome	This Wizard guides you through the installation of the Network print server that is connected to the local area network on this corrouter.
Select A Print Server	
Change Settings	Before you proceed, make sure the print server and the printer are properly connected and turned on.
Configure Wireless	
Configure TCP / IP	To continue, click Next.
Save Settings	
Select a Printer	Version 0.95.01
Summary	
Complete	
	<bask next=""> Cancel</bask>

3. The wizard will scan your network for the print server and display the results in a list. If no server is found, disable all firewall software and any extra network cards (such as a wireless adapter) on your computer except the one the print server is on and click **Refresh** to search again. Click **Next** when you have found and selected your print server in the list.



4. Changing the network settings of the print server to a fixed IP address is not necessary but will provide more stability in the event of a power outage, and can be useful if you are setting up IPP to print over the internet. Click Next and skip to step 7 if you do not need to specify an IP address, otherwise select the option to change settings (no password is needed by default) and then click Next.

	Change Settings
Welcome elect A Print Server	This Wizard allows the network administrator to change some basic settings of the part event. Frou are not the network administrator, do not change settings. Wrong settings may cause the print server not to function property.
Change Settings Configure Wireless Configure TCP/IP	 ✓ Yes, I want to change settings. Paseword: ✓ No, I don't want to change settings.
Select a Printer Summary Complete	To change settings, you must enter the password A transformer Network print server has no detauit password. You are configuring a weekess print server and its now operating in Diagnostic mode, you don't need to enter the password.

- Here you can specify the network settings the print server will use. If you will be printing from the internet, it is important that the Gateway IP Address is set to the IP of your router. Click Next to continue.
- 6. Review the settings you have entered carefully and click **Next** to confirm that they are correct and save them to the print server.

Network Print Server Setup	Wizard
1	TCP/IP Settings
Welcome Select A Phint Server Change Setting Configure Wireless Configure 109/109 Save Settings Select a Phinter Summary Complete	Specify TOVP retempts for the part denser. The part denser can be subscribed to data if a dataset to the part of
	< Back Next> Cano

7. All existing printers installed on your computer will show up in this list. Select the model that is now attached to the print server and click **Next** to continue. If the printer you are setting up does not show up in the list, click **Add New Printer** and install your printer's drivers as needed. If asked which port to use, choose LPT1 but do NOT print a test page yet. The printer will be changed to the correct port in the next step.

Network Print Server Setup	Nizard	×
1	Select A Printer	
Welcome	The Wizard now helps you set up the printer that is connected to the print server. You can either select a printer that has already been installed on this computer or add a new printer.	
Select A Print Server	Select a printer from the following list Add New Printer	
Change Settings	Printer Name Port	
Configure Wireless	EPSON SMUS COLOR 880 LPT1:	
Configure TCP / IP		
Save Settings		
Select a Printer		
Summary		
Complete	To add a new printer, you need a printer installation CD/diskate or the driver file that you've downloaded from the Internet.	
	< Back Next> Cance	

8. If you get the following message, the print server's IP settings are not set up correctly for your network. Click **Back** until you see the screen in step 4, then change the print server's network settings. You may use DHCP to set them automatically if the print server is connected to a router.



9. A summary screen will show the name of the printer to be modified and the IP of the print server which will be used. If this information is correct click **Next**.

letwork Print Server Setup	Wizard	X
1	Summary	
Welcome	The Wizard is about to finish the installation. Following is the summary of the settings.	
Select A Print Server Change Settings	Printer Name : EP80N Stylus COLOR 880 Port Name : LPT P33501-2 IP Address : 192.168.1.50	
Configure Wireless Configure TCP / IP		
Save Settings	Printer Setting	
Select a Printer Summary	Use this printer as the default printer	
Complete	Verity all information.	
	<back next=""> Cance</back>	-
		_

10. Setup of your print server is now complete. Click **Finish** to close the wizard.





Software Installation - Mac

Software Installation - Mac

 No software from the Setup CD is needed on Macintosh systems. Simply open the Print and Fax settings from your System Preferences window. Click the plus (+) button to setup a new printer.

Printing	Faxing Sharing
n Menu Printer	
	No printer is selected
↓ -	Print Queue) (Printer Setup)
Selected Printer in Print Dialog:	Last Printer Used
Default Paper Size in Page Setup:	US Letter ?

2. At the top of the Printer Browser, click the icon for IP printer.

2	-			
fault Browser	IP Printer	(0	t∘ Sear	ch
Printer Name			A Conner	tion
Name:				
Name: Location:				

Software Installation - Mac

 Select the LPD protocol, then type in the IP address of the print server. Type "Ip1" with lowercase letters for the name of the Queue. Name the new printer and select the model below. Click Add when you are finished, and you are ready to print.

Pri	nter Browser	
<u> </u>	Q	
IP Printer	Search	
Line Printer Da	aemon – LPD	•
192.168.1.50		•
Valid and complete	e address.	
lp1		•
Leave blank for de	fault queue.	
Epson		
EPSON		:
Model		
EPSON Stylus Colo	r 880 - Gimp-Print v5.0.0-beta2	n l
EPSON Stylus Colo	or 900 - Gimp-Print v5.0.0-beta2	
EPSON Stylus Colo	or 980 - Gimp-Print v5.0.0-beta2	
Crook Stylus Cold		
EPSON Stylus Colo	er Pro - Gimp-Print v5.0.0-beta2	
EPSON Stylus Colo EPSON Stylus Colo	er Pro – Gimp-Print v5.0.0-beta2 er Pro XL – Gimp-Print v5.0.0-beta2	2
EPSON Stylus Colo EPSON Stylus Colo EPSON Stylus Colo EPSON Stylus CX-	er Pro – Gimp-Print v5.0.0-beta2 er Pro XL – Gimp-Print v5.0.0-beta2 3100 – Gimp-Print v5.0.0-beta2	
	Printer Line Printer Di 192.168.1.50 Valid and complete Ip1 Leave blank for de Epson EPSON Model Ur200 Stylue Col	Oc. Search Une Printer Daemon - LPD 192.168.150 192.168.150 Valid and complete address. [p1 Leave blank for default queue. Epson Epson EPSON Model Model PMON



Software Installation – IPP

Software Installation – IPP

 To print from a remote location, you will first need to make sure port 631 is forwarded through your router's firewall to the print server. Then simply set up IPP using the address

http://(print-server-ip):631/lp1 as shown here on an example Windows XP system. Click **Add** a printer from your printers and faxes window to begin.



2. Click **Next** when the Add Printer Wizard appears.





Software Installation – IPP

3. Select the option for a network printer, then click **Next**.

cal or Network Printer The wizard needs to know which typ	e of printer to set up.
Select the option that describes the p	minter you want to use:
O Local printer attached to this com	puter
Automatically detect and insta	all my Plug and Play printer
 A network printer, or a printer attain 	ched to another computer
To set up a network printer t use the "Local printer" optio	hat is not attached to a print server, n.

4. Select the option to connect to a printer on the internet, and type in the full IPP address as shown. You must use the external, or WAN, IP address of your router if the print server is behind one. You must also specify port 631 and queue name "Ip1" in lowercase. Click **Next** to continue.

Specify a Pri If you don't that meets	nter know the name or address of the printer, you can search for a printer your needs.
What prints	er do you want to connect to?
OBrowse	for a printer
Connec	t to this printer (or to browse for a printer, select this option and click Next)
Name:	
	Example: \\server\printer
Connect	t to a printer on the Internet or on a home or office network:
URL:	http://192.168.1.50:631/lp1
	Example: http://server/printers/myprinter/ printer
	CRack Next Carcel

Software Installation – IPP

- The wizard will ask you to choose the model of your printer. Click OK when you have chosen the appropriate driver.
- Click Finish to complete the wizard and begin printing to your home or office printer from anywhere in the world.







Technical Support

If you need technical support, please check out our IOGEAR Tech Info Library (TIL) at http:// www.iogear.com/support for the latest tips, tricks, and troubleshooting. The TIL is designed to provide you with the latest technical information about our products. Most of the answers to your questions can be found here, so please try it out before contacting technical support. Technical support is available Monday through Friday from 8:00 am to 5:00 pm PST by calling our toll-free number 866-9-IOGEAR (866-946-4327). International callers may need to use the number 949-453-8782. Help is also available by e-mailing us at support@iogear.com.



Warranty

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