

F.A.Q for TEW-P1U1P

Q: Why doesn't Bi-Admin utility detect my print server?

1. If you are using Windows XP you will have to disable the built in firewall. But for all operating systems you have to disable any other form of firewall software such as Norton Internet Security, Black Ice, and ZoneAlarm.

Q: How do I change the IP address of my print server?

Step 1 Open up the Bi-Admin Utility and click on Configure icon indicated by the red arrow.

🐔 BiAdmin Management Utility		
<u>Main InitDevice Diagnostic Help</u>		
· · · · · · · · · · · · · · · · · · ·	e 💿 🗐	
SC096611	Item	Value
SCEBEA94	Device Name Mac Address IP Address Subnet Mask Gateway Address Firmware Version Domain Name	SC096611 00C002096611 192.168.1.153 255.255.255.0 192.168.1.254 6031

Step 2 Change IP Address:

In this dialog box, you can change the IP address. When completed, click OK.





Configuration 🔀
System TCP/IP AppleTalk NetBEUI Internet Printing Port
Selected Device: SC096611
C Dynamic IP Address (DHCP)
Fixed IP Address
IP Address: 192 168 1 153
Subnet Mask: 255 255 0
Gateway Address: 192 168 1 254
TCP session
Retry interval: 2 (sec.)
Retry count: 254
Get Defaults
OK Cancel Help

Q: How do I find the Port Name of the Print Server?

The print server already has a pre-defined port names, L1 for the Parallel port and L2 for the USB port.

Q: How do I setup my wireless settings?

Step1 Click on the wireless tab and it will bring up the screen listed below.

Step2 Input the SSID and channel of your wireless access point or router. If you are using Encryption on your wireless network, you will be required to input the WEP key. For 64bit hex you will be required to input 10 characters and for 128bit WEP, you will be required to input 26 characters. If you are using ASCII you will be required to input 5 characters for 64 bit and 13 characters for 128bit encryption then click *OK*.



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UU.	/ 2	100

System TCP/IP AppleTalk NetBEUI	Internet Printing Port Wireless
Selected Device: SC71103B	
SSID (Service Set Idenlifier):	128
Channel No:	11 •
Network Type:	Infrastructure
WEP Encryption	
O Disable	C Enable
WEP Authenlication	Shared Keji
WEP Keys	
🖸 64 pits 🖸 128 bits	
	Keyî (hex)
Default Key :	Key2 (hex)
KEY 1	Key3 (hex)
	Key4 (hex)
	Link Info Get Defaults

Q: How do I install my printer on Windows 95/98/ME?

In Windows 98/Me you will need to install the LPR client.

For Windows 98/ME you will also need to know the port name that you are printing to (The Port Name is L1 for the Parallel port and L2 for the USB port.)

Installing LPR:

Step 1 Once the file is downloaded and extracted, Go to **Start > Settings > Control Panel >** double-click on **Networks**. Click on **Add**

Step 2 Highlight Client and click on Add.



Select Network Component Type	<u>? ×</u>
Click the type of network component you want to install Client Adapter	Add
🎏 Protocol 📮 Service	Cancel
A client enables your computer to connect to other computers.	

Step 3 Click on Have Disk > Browse. Browse to the location of the extracted LPR Client.

Select Ne	etwork Client	×
	Dick the Network Client that you want to install, then click OK. If you have an installation disk for this device, click Hiave Disk.	
Models		
	for TCP/IP Printing	
	Have Disk	
	0K. Cancel	

Step 4 Click OK 3 times.

Step 5 From the list highlight LPR for TCP/IP and click on Properties.



Network 💡 🗙		
Contiguiation Identification Access Control		
The following network components are installed:		
🛄 Client for Microsoft Networks 📃 🔺		
🛄 Client for NetWare Networks		
LPR for TCP/IP Printing		
RE2000 Compatible		
着「IPWSPX-compatible Protocol		
🕷 NetBEUI 💌		
Add <u>R</u> emove <u>P</u> roperties		
Primary Network Logan		
Client for NetWare Network:		
Ele and Print Sharing		
Description LPR for TCP/IP Printing [v1.00/1997-08-09] enables you to connect to and use the printers connected on the Print Server devices that support TCP/IP LPR printing protocol		
DK Cancel		

Step 6 Click on Add Port



LPR for	TCP/IP Printing Properties		×
Ports	Settings		
- Per	t List		
	202.39.74.188'PS-AA20AC-P1		
	/		
	Add Port	Delete Por	
		DK	Cancel

In the top field type in the IP address of your print server. In the bottom field type in the port name of your print server, the Port Name is L1 for the Parallel port and L2 for the USB port. Click on **OK**

vdd Port	×
P Address:	
202.39.74.188	
Port Name :	

Step 7 Click on OK. Windows will ask you to restart. Click Yes.

LPR is now properly installed on your computer.

Printer Installation

Step 1 Open your printers folder. Go to Start > Settings > Printers.

Step 2 Double-click on the Add Printer icon, which will launch the Add Printer Wizard.



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Add Printer Wizard	This wizard will halp you to install your printer quickly and easily. To begin installing your printer, click Next
	Cancel

Select Network Printer and click on Next.

Add Printer Wizard	
	How is this printer attached to your computer? If it is directly attached to your computer, click Local Printer. If it is attached to another computer, click Network Printer © Local printer © <u>Metwork printe</u> ;
	(Back Next) Cancel

Step 3 Click on the Browse button and browse to the print server.



Add Printer Wizard					
	Type the network path or the queue name of your printer. If you don't know its name, click Browse to view available network printers. Network path or queue name: [\\202.39.74.188\ps-aa20ac-p1				
	 Do you print from MS-DDS-based programs? © Yes I No				
		(<u>B</u> ack	Next)	Cancel	

Highlight the Print Server and click on **OK** to return to the Add Printer Wizard.

Browse for Printer	? ×
Select the network printer that you want to add. Note: Printers are usually attached to computers.	
□- □ Network Neighborhood □ · ♥ Entire Network	<u>*</u>
E⊶∰ Print Servers - TCP/IP LPR ⊡ - 🧾 202.39.74.188 🥩 ps-aa2Dac-p1	
	-
ОК	Cancel

Click on **Next**. If you are unable to do this you can manually enter the Print Server by using two backlashes, the IP address, one backlash and the port name of you printer.



Step 4 You will now be asked to select a printer to install.

Add Printer Driver Wizard				
Printer Driver Selection The manufacturer and model determine which printer driver to use.				
	d model of the Windows XP printer driver you want to install. If d, you can click Have Disk to select a Windows XP printer er manufacturer.			
Manufacturer Agfa Alps Apollo Apple APS-PS This driver is digitally signed. Tell me why driver signing is imp	Printers AGFA-AccuSet v52.3 AGFA-AccuSet SF v52.3 AGFA-AccuSet 800 AGFA-AccuSet 800SF v52.3 Here Disk			
	< <u>B</u> ack <u>N</u> ext > Cancel			

If you cannot find your printer from the list, click on the **Have Disk** button and browse to the printer drivers for your printer (floppy, CD, or downloaded).

Step 5 If you find your printer in the list, click on it and then click on **OK**. Windows will install the drivers.

Step 6 Once the drivers have been installed, click **Finish** to complete the installation. You may be prompted for your Windows CD. If you are prompted for the CD, browse to the Win98 folder on the Windows CD and click on **OK**

Step 7 After the drivers have been installed for your printer, you will be prompted to print a test page. Select **yes** and click on **Finish**.

Q: How do I install my printer on Windows 2000/XP?

Step 1 Go to **Start>Settings>Printers>Add New Printer** (WinXP - **Start>Printers and Faxes>Add a Printer**).

Step 2 Select **Local Printer**. Make sure to uncheck **Automatically detect and install my plug and play printer**. Click **Next**.



Add Printer Wizard
Local or Network Printer The wizard needs to know which type of printer to set up.
Select the option that describes the printer you want to use:
Local printer attached to this computer
Automatically detect and install my Plug and Play printer
A network printer, or a printer attached to another computer
To set up a network printer that is not attached to a print server, use the "Local printer" option.
< <u>B</u> ack <u>N</u> ext > Cancel

Step 3 Select Create a New Port and select Standard TCP/IP port. Click Next.

Add Printer Wizard			
Select a Printer Port Computers communicate with printers through ports.			
Select the port you want yo new port.	our printer to use. If the port is not listed, you can create a		
\bigcirc <u>U</u> se the following port:	LPT1: (Recommended Printer Port)		
	use the LPT1: port to communicate with a local printer. port should look something like this:		
	A A A		
⊙ <u>C</u> reate a new port: Type of port:	Standard TCP/IP Port		
	< <u>B</u> ack <u>N</u> ext > Cancel		



Step 4 Enter the IP address of the print server (192.168.0.1). Leave the port name with the default name. Click **Next**.

Add Standard TCP/IP Printer Port Wizard				
Add Port For which device do you want to add a port?				
Enter the Printer Name or IP ad	ldress, and a port name for the desired device.			
Printer Name or IP Address:	192.168.0.1			
Port Name:	IP_192.168.0.1			
	< <u>B</u> ack <u>N</u> ext >	Cancel		

Step 5 You will get a message saying that additional port information required.

Step 6 Select Custom and then click Settings.



Add Standard T	CP/IP Printer Port Wiza	rd		×
	t Information Required could not be identified.			Ś
	t found on the network. Be sur	e that:		
 The device i The network The device i The address 		t.		
	ddress is not correct, click Bac perform another search on the stype below.			
Device Type-				
◯ <u>S</u> tandard	Generic Network Card			~
⊙ <u>C</u> ustom	S <u>e</u> ttings			
		< <u>B</u> ack	<u>v</u> ext >	Cancel

Step 7 Set the Protocol to LPR.

Step 8 For the **LPR Settings** for the TEW-P1U1P the Queue Name will be L1 for the Parallel port and L2 for the USB port. It is case sensitive!



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<u>P</u> ort Name: Printer Name or IP <u>A</u> ddress:		IP_154.164.215.1	
		154.164.215.1	
Protocol <u>R</u> aw		© <u>L</u> PR	
Raw Settings			
Port <u>N</u> umber:	9100		
LPR Settings			
Queue Name:	LP1		
LPR Byte Counting	Enabled	ł	
SNMP Status Enab	led		
Community Name:	public	3	
SNMP Device Index	1		

Step 9 Select OK > Finish.

Step 10 Continue with the **Add Printer Wizard**. Choose your printer from the list or click **Have Disk** and point to your printer driver disk.



Add Printer Wizard				
Add Printer Wizard The manufacturer and model determine which printer to use.				
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer. Manufacturers: Printers:				
Agfa AGFA-AccuSet v52.3 Alps AGFA-AccuSet v52.3 Apollo AGFA-AccuSet 800 Apple AGFA-AccuSet 800SF v52.3 APS-PS AGFA-AccuSet 800SF v2013.108 AST AGFA-AccuSet 1000 ACFA-AccuSet 1000 AGFA-AccuSet 1000				
<u>H</u> ave Disk				
< <u>B</u> ack <u>Next</u> > Cancel				

Q: Does the TEW-P1U1P support Macintosh operating systems?

Yes, but you must assign the print server an IP address from a Windows based operating system first. Once that is done you can use LPR or LPD printing for the Macs and you can manage the print server by entering its IP address into a web browser. Also the printer must be a postscript printer. Note: For a Macintosh the printer must support post script.

Q: What is the queue name of the TEW-P1U1P?

The Port Name is L1 for the Parallel port and L2 for the USB port.

Q: Why can't I see my printer status information?

Print servers are IEEE1284 bi-directional compatible. This means that data can be sent and received in both directions between the printer and the print server.



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Toner status, paper level, etc., will not be communicated back to the PC. In order to get printer status information, the proprietary printer driver has **embedded code** that needs to be passed on to the print server, decoded, then interpreted by the print server. Trendware print servers do not support embedded driver codes. Trendware print servers, whether in Gateways or Stand Alone, are plain TCP/IP print servers.

Q: Why is my parallel printer, printing a lot of garbage characters?

- 1. Make sure that you have the latest print drivers for you printer.
- 2. Launch the Bi-Admin Utility and Click on the Configure icon then on the Port tab. Change the Printer Type to Low Speed and click *OK*.

Configuration			
System TCP/IP Internet Printing	Port Wireless		
Selected Device: SCEBE Physical Port Selected Physical Port:	P1		
Handshake Signal:	Busy Only	C Busy & Ack	
Printer Type:	C High Speed	Cow Speed	
Logical Port			
Selected Logical Port:	Logical Port 1	•	
Map to Physical Port:	P1	_	
Convert LF to LF+CR:	● No	C Yes	
Prefix of Job:			
Suffix of Job:			
		Ge	t Defaults
	ОК	Cancel	Help