

F.A.Q TEW-P1P & TEW-P1U

Q: Why doesn't Wireless Setup Wizard 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?

1. Make sure that on the print server, the switch is set to Diag, unplug the unit for 15 seconds then apply the power. Note: The unit will broadcast its default SSID of WLAN-PS.

2. Perform a site survey from your wireless network adapter and connect to the WLAN-PS network.

3. Insert the Setup CD into your CD-ROM drive.

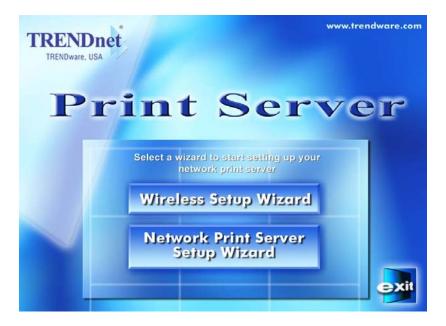
4. Run the setup.exe from Windows 95/98/Me/NT/2000/XP/2003. The Network Print Monitor for Windows welcome message then appears. Choose Install Setup Utility or Manual Installation.



5. Choose Install Setup Utility, the program will auto install the Network Print Monitor, PS Admin and Setup Wizard into your computer. The default installation directory will be C:\Program files\Network Print Monitor.



6. After installation completes, the Setup Wizard message appears.



7. Click Wireless Setup Wizard and the following message appears.

	Welcome to the Wireless		
	Print Server Setup Wizard		
	This Wizard will help you configure the wireless network print server to communicate with your wireless network.		
Welcome	Before you continue,		
Select A Print Server	1. Make sure the print server and the printer are properly connected and turned on.		
Configure Wireless Settings	 Make sure you have the wireless settings of the wireless network. (such as the SSID, encryption information, etc.) 		
Configure TCP/IP			
Settings	To continue, click Next.		
Save Settings			
Complete	Ver. 0.94.08		

8. Click NEXT; the wizard will automatically discover the wireless print server.



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	Select A Print Server				
	This Wizard has found network. Select a wireless netw				
Welcome	Detected print servers	on your local network:			
Select A Print Server	Device Name	MAC Address	Mode	ESSID	Ch
	1P PrintServ535A14	00:40:01:53:5A:14	Infrastructure	< ANY >	9
Configure Wireless Settings Configure TCP/IP	•)
Settings	If the print server you v		splayed, check the	Refre) sh
Settings Configure TCP/IP Settings	If the print server you v		splayed, check the	Refre	<u>)</u> sh
Settings Configure TCP/IP Settings Save Settings	If the print server you v	efresh. er has just been turned nitialize and communic	d on, it may take a t ate with the wirele:	'ew minutes	sh

9. Select the print server, which you want to configure and press NEXT.

	Change Wireless Settings
	In the following steps, this Wizard allows you to configure some basic wireless settings of the print server. If you are not familiar with these settings, do not change them. Wrong settings may cause the print server not to function properly
Welcome	
Select A Print Server	 Yes, I want to change settings.
Configure Wireless Settings	Password:
Configure TCP/IP	C No, I don't want to change settings.
Settings	
Save Settings	
Complete	
	To change settings, you may have to enter a password. A brand-new network print server has no any password.



10. Select YES if you want to change the configuration and press NEXT then the following window appears. For communication type please choose Infrastructure. For SSID, Input the proper SSID of your wireless network. Click NEXT.

	Basic Wireless Settings
	Configure the following wireless settings on the print server. These settings must match your wireless network for the print server to communicate with computers over a wireless connection.
Welcome	Communication Type : Infrastructure
Select A Print Server	SSID : <a>ANY >
Configure Wireless	Channel Number :
Settings	Data Transmit Rates : Auto
Configure TCP/IP Settings Save Settings Complete	 In Infrastructure (Access Point) mode, the wireless network print server will communicate with network computers through an Access Point. In Ad-Hoc or 802.11b Ad-Hoc mode, wireless devices communicate with each other directly.
	If the communication type is 'Infrastructure (Access Point)', you do not have to enter the Channel number used by the Access Point.

11. Choose Enable WEP Encryption as you need, and click NEXT.



	Security and WEP Encryption Settings
	Configure the following security settings on the print server. These settings must match your wireless network for the network print server to communicate with all computers over a wireless connection.
Welcome	Enable WEP Encryption
Select A Print Server	Type: 💿 64-bit: 🎧 128-bit Key Format: 💿 Alphanumeric 💭 Hexadecimal
Configure Wireless Settings	Encryption Key :
Configure TCP/IP	 For 64-bit (sometimes called 40-bit) WEP encryption, enter the key which contains 5 alphanumeric character or 10 hexadecimal digits (depending on the key format you select)
Settings	The key formal you select) 2.For 128-bit WEP encryption, enter the key which contains 13 alphanumeric characters or 26 hexadecimal digits (depending on the key format you
Save Settings	select)
Complete	(An alphanumeric character is a through z, A through Z, and 0 through 9. A hexadecimal digit is 0 through 9 and A through F)
	If your wireless network uses WEP encryption to secure all data communications, you must enable WEP encryption setting and enter a key for the print server.

12. Specify a fixed IP address or use dynamic IP address, then click NEXT.

	TCP/IP Settings		
Welcome	Specify TCP/IP settings for the print server. The print server can be set up either to obtain IP address from a DHCP server on the network or to use a static IP address.		
Select A Print Server	Obtain an IP address automatically (use DHCP)		
Configure Wireless Settings Configure TCP/IP Settings Save Settings	IP address IP2.168.1.100 Subnet Mask : 252.255.255.0 Gateway's IP : 192.168.1.1		
Complete	It's highly recommended that you set up the print server to use a static IP address. Make sure the IP address is correctly entered for the print server to work properly.		



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

The Port Name is already defined. The port name is lp1.

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 the lp1.)

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 Client Client Potocol Service	Add 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.



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Select No	stwork 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.
Modejs:	
	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:				
💻 🗔 ient for Microsoft Networks 📃 🔳				
🔜 Client for NetWare Networks				
💻 LPR for TCP/IP Printing				
RE2000 Compatible				
TIPX/SPX-compatible Protocol				
T NetBEUI				
Add <u>R</u> emove <u>Properties</u>				
Primary Network Logan:				
Client for NetWare Networks				
Ele and Print Sharing				
Description				
LPR for TCP/IP Printing [v1.00/1997-08-08] enables you to connect to and use the printers connected on the Print Server				
devices that support I CP/IP LPR printing protocol.				
DK Carcel				

Step 6 Click on Add Port



LPR for TCP/IP Printing Properties		×
Ports Settings		
1 21		
- Port List		
1202.39.74.186/PS-AA20AC-P1		
(<u>A</u> dd Port)	Delete Port	t
	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 lp1 then click *OK*.

Add Port		×
P Address :		
202.39.74.188		
Port Name :		
PS-AA2DAC-P1		
ок	Cancel	

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.



Add Printer Wizard	
	This wizard will halp you to install your printer quickly and easily. To begin installing your printer, click Next
	(Back 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>Network printer</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\pe-aa20ac-p1] Do you print from MS-DDS-based programs? Yes 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 Note: Printers are usually attached to co	
E-ﷺ Network Neighborhood È-⅔ Entire Network È-ﷺ Print Servers - TCP/IP LPR	
⊡-,⊒, 202,39,74,188 ∰ <mark>ps-aa2Dac-p1</mark>	
	T
, 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.			
Select the manufacturer and model of the Windows XP printer driver you want to install. If your printer driver is not listed, you can click Have Disk to select a Windows XP printer driver supplied by your printer manufacturer.			
Manufacturer Printers Agfa AGFA-AccuSet v52.3 Alps AGFA-AccuSet v52.3 Apollo AGFA-AccuSet 800 Apple AGFA-AccuSet 800 APS-PS AGFA-AccuSet 800SF v52.3 This driver is digitally signed. Have Disk Tell me why driver signing is important			
< <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:
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 your printer to use. If the port is not listed, you can create a new port.					
OUse the following port:	O Use the following port: LPT1: (Recommended Printer Port)				
Note: Most computers use the LPT1: port to communicate with a local printer. The connector for this 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 router (192.168.0.1). Leave the port name with the default name. Click Next.

Add Standard TCP/IP Printer F	Port Wizard		
Add Port For which device do you want to add a port?			
Enter the Printer Name or IP ac	ddress, 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 TCP/IP Printer Port Wizard 🛛 🛛 🔀
Additional Port Information Required The device could not be identified.
 The device is not found on the network. Be sure that: The device is turned on. The network is connected. The device is properly configured. The address on the previous page is correct. If you think the address is not correct, click Back to return to the previous page. Then correct the address and perform another search on the network. If you are sure the address is correct, select the device type below.
Device Type
O <u>S</u> tandard Generic Network Card ✓
© Custom Settings
< <u>B</u> ack <u>N</u> ext > Cancel

Step 7 Change the Protocol to LPR.

Step 8 For the LPR Settings for the TEW-P1P the Queue Name will be lp1. It is case sensitive! In most cases, check LPR Byte Counting Enabled. If you cannot print, then try unchecking this.



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Configure Standard TCP/IP Port Monitor 🛛 🛛 🔀			
Port Settings			
Port Name:	IP_154.164.215.1		
Printer Name or IP <u>A</u> ddress:	154.164.215.1		
Protocol O <u>B</u> aw	© LPR		
Raw Settings			
Port <u>N</u> umber: 9	100		
LPR Settings			
Queue Name:	o1		
LPR Byte Counting Enabled			
SNMP Status Enabled			
Community Name:	ublic		
SNMP Device Index 1			
	OK Cancel		

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 v52.3 AST AGFA-AccuSet 1000 AT&T AGFA-AccuSet 1000SE v52.3			
<u>H</u> ave Disk < <u>B</u> ack <u>Next</u> Cancel			

Q: Does the TEW-P1P 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.

Q: What is the queue name of the TEW-P1P or TEW-P1U?

The queue name will be lp1 and it is case sensitive.

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.

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 printer, printing a lot of garbage characters?



Make sure that you have the latest print drivers for you printer.

For the TEW-P1P you can also try changing the port speed.

1) Open the Bi Admin Management utility. Click on Configuration.

🕵 BiAdmin Management Utili	ty		
<u>Main I</u> nitDevice <u>D</u> iagnostic <u>H</u> elp			
📼 🞜 🏹 🔧 🕷	و 💿 🖈		
SC096611	Item Device Name Mac Address IP Address Subnet Mask Gateway Address Firmware Version Domain Name	Value SCEBEA94 00C002EBEA94 192.168.1.161 255.255.255.0 192.168.1.254 6035	

2) Click on the Port tab and change the Printer Type.



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Configuration			×
System TCP/IP Internet Printing	g Port Wireless		
Selected Device: SCEB	EA94		
- Physical Port	Transfer		
Selected Physical Port:	P1	<u> </u>	
Handshake Signal:	Busy Only	G Busy & Ack	< <u> </u>
Printer Type:	C High Speed	Cow Spectrum	ed
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:			
		_	Get Defaults
	OK	Cancel	Help