

# F.A.Q's for TEW-P1UG

# **Q:** Why doesn't PS-Utility detect my print server?

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?

evice Name	Setup Wizard	Update Firmware
PS-D56EC6	Change IP Address	Factory Reset
	Show Web Setup	Print Test
	_ Information	
	MAC Address 00 ff	15 d5 6e c6
	IP Address 192.1	68.0.1
	Model TE10	D-P1U
	Status Runn	ing
	Firmware 4.06	
	UpTime O day	s, 00:16:29
Discover Device	About	Close

Step 1 Open up the PS-Utility and click on Change IP Address.

**Step 2 Change IP Address:** Click this button to bring up the following dialog box, allowing you to change the IP Address. In this dialog box, you can select either *Manually Assign* or *DHCP Assign Automatically*. When completed, click **OK**.



Change IP Address		×
Manually Assig	n	
IP Address	<u>192</u> . 168 . 0 . 1	
Subnet Mask	255 . 255 . 255 . 0	
Default Gateway		
O DHCP Assign A	utomatically	
ОК	Cancel	

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

First, launch your web browser (such as the Internet Explorer 6.0 used in this manual). Then, type *http://192.168.0.1* (the default IP address) in the Address bar and press [Enter] to enter the Management screen of the Configuration Utility. Or use the IP address that you manually assigned to the Print Server. Click on System and the Port Name is U1.

		Management	Configuration	Tools	Help
Configuration	System Device				
System	Server Name	PS-560BBA			
Wireless	Location	+			
Network	Admin Contact	±			
User	Password	: New Palcoword			
E-mail		Confirm Again			
SNMP		Commi Again			
	Port Setting				
	USB	: Port Name	Ut		
		Description			
		PJL Printer	No 💌		

#### Q: How do I make it Wireless?

**Step 1** First you will need to know the SSID of your wireless router or access point, along with the Channel. If you are using any type of wireless security like WEP, you will need to know the key values.

**Step 2** Launch your web browser (such as the Internet Explorer 6.0 used in this manual). Then, type *http://192.168.0.1* (the default IP address) in the Address bar and press [Enter] to enter the



Management screen of the Configuration Utility. Or use the IP address that you manually assigned to the Print Server.

Step 3 Click on Configuration on the top Menu bar and click on Wireless on the side bar.

TREND TREND WARE	et				TEW-P1UG
THENDWare, USA	<i>Y</i>		Management	Configuration	Tools Help
Configuration	Wireless Interface				
System	Connection Mode	:	Infrastructure		
Wireless			C Ad-Hoc		
Network	SSID	:	default	(Manually Input	or Select from List)
User					
E-mail			Site Survey		
SNMP	Wireless Channel	:	11 💌		
	Transmission Rate	:	Fully Automatic 💌		
	WEP Encryption				
	WEP Encryption	÷	C Disable 📀 64 bits	C 128 bits	
	WEP Key Format	:	C ASCIL @ HEX		
	Key 1	:			
×.	 Key 2	:	[		
	Key 3	:			
	Key 4	2			
	Encrypt Data Transmis	sions	s Using : Key 1 💌		
	Advanced Setting				
	Beacon Interval	1	100 (ms	5)	
	Preamble	:	C Long C Short		
	Authentication Type	:	C Open System C SI	nared Key 🥌 Both	
	Save Cancel				

You can now input the SSID and Channel or you can click on Site Survey. If you are using WEP Encryption, select the type of encryption and key in the value in Key 1 and Save. Note: The Encryption method and key value is case sensitive and must match your router or access Point.

**Step 4** Once you have saved the settings, unplug the Ethernet cable from the back of the Print Server and unplug the electrical power for 15 seconds then plug the power back in. Start the PS-Utility and see if the utility finds the print server. If it does, then the unit is wireless at this point. If not, plug the Ethernet cable back into the print server and confirm the Wireless information.

#### 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 U1. **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	
🚍 Elent B2 Adapter	
🌮 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 N	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.
Madejs:	
	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 🔗 🔀
Configuration Identification Access Control
The following <u>n</u> etwork components are installed:
💻 Elient for Microsoft Networks 📃 🔳
🔜 Client for NetWare Networks
💻 LPR for TCP/IP Printing
RE2000 Compatible
TIPK/SPX-compatible Protocol
The Real Inclusion Inclusio Inclusion Inclusion Inclusion Inclusion Inclusion Inclusio
Add <u>Remove</u> <u>Properties</u>
Primary Network Logan:
Client for NetWare Networks
<u>File and Print Sharing.</u>
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 TCP/IP LPR printing protocol.
DK Cancel

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		
/		
Add Port	Delete Port	
	DK	Dancel

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 U1 then click **OK**.

Add Port	×
P Address :	
202.39.74.188	
Port Name :	
PS-AA2DAC-P1	
	I
OK 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
	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>
	<u>∢B</u> ack 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 
	(Back Next) Cancel

Highlight the Print Server and click on **O K** 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	
E - 💑 Print Servers - TCP/IP LPR	
⊡- <u>□</u> 202.39.74.198	
ps-aa20ac-p1	
	•
DK	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         Agra       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 can not 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>Next</u> 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 w	ith printers through ports.
Select the port you want yo new port.	ur 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:
Create 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 P	ort Wizard	$\mathbf{X}$
Add Port For which device do you want t	o add a port?	
Enter the Printer Name or IP add	dress, and a port name for the desired device.	
Printer Name or IP <u>A</u> ddress:	192.168.0.1	
<u>P</u> ort 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 To	CP/IP Printer Port Wizard 🛛 🔀
	t Information Required could not be identified.
<ol> <li>The device is</li> <li>The network</li> <li>The device is</li> <li>The device is</li> <li>The address</li> <li>If you think the address</li> </ol>	is connected. properly configured. on the previous page is correct. ddress is not correct, click Back to return to the previous page. Then correct perform another search on the network. If you are sure the address is correct,
Device Type—	
<u>○ S</u> tandard	Generic Network Card
© <u>Custom</u>	Settings
	< <u>B</u> ack <u>N</u> ext > Cancel

Step 7 Set Protocol to LPR.

**Step 8** For the **LPR Settings** for the TEW-P1UG the Queue Name will be U1. 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>R</u> aw		
- Raw Settings		
Port <u>N</u> umber: 9100		
LPR Settings Queue Name:		
<u>SNMP Status Enabled</u>		
Community Name: public	c	
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 Alps Apollo Apple APS-PS AST AT&T Have Disk	]
< <u>Back</u> Cancel	」 

#### **Q:** Does the TEW-P1UG 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-P1UG?

The queue name will be U1.

#### 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?



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