



MANUAL

EM447x - Printer Server

WWW.EMINENT-ONLINE.COM

EM447x - Printer Server



Warnings and points of attention

Opening a product and/or products may cause serious injuries! Always have products repaired by qualified Eminent personnel!

Table of contents

1.0 Warranty conditions.....	2
2.0 Introduction	2
2.1 Functions and features	3
2.2 Packing contents	3
3.0 Installation procedure	3
3.1 Installing the Printer Server.....	3
3.2 Installing the Printer Server software	4
3.3 Printer options and printing a test page.....	5
4.0 Frequently asked questions	6
5.0 Service and Support	7

1.0 Warranty conditions

The five-year Eminent warranty applies for all Eminent products unless mentioned otherwise before or during the moment of purchase. When having bought a second-hand Eminent product the remaining period of warranty is measured from the moment of purchase by the product's first owner. The Eminent warranty applies to all Eminent products and parts inextricably connected to and/or mounted on the main product. Power supply adapters, batteries, antennas and all other products not integrated in or directly connected to the main product and/or products of which, without reasonable doubt, can be assumed that wear and tear show a different pattern than the main product are not covered by the Eminent warranty. Products are not covered by the Eminent warranty when exposed to incorrect/improper use, external influences and/or when opened by parties other than Eminent.

2.0 Introduction

Congratulations on your purchase of this high-quality Eminent product! This product has undergone extensive testing by Eminent's technical experts. Should you experience any problems with this product, you are covered by a five-year Eminent warranty. Please keep this manual and the receipt in a safe place.

Register this product now on www.eminent-online.com and receive product updates!

2.1 Functions and features

Did you always have to leave a computer running just to be able to print? That will be a thing of the past with the Eminent Printer Server. By using this Printer Server you can print from any computer in your network. Because the Printer Server has its own power adapter it will work independent of other devices, 24 hours a day. You can effortlessly connect the printer server to an existing network. The Eminent Printer Server can directly be connected to the printer and fits in any network.

2.2 Packing contents

The following parts need to be present in the packing:

- EM447x, Printer Server.
- Power adapter.
- Manual.
- Installation CD-rom.

3.0 Installation procedure

Follow the steps below to install the Printer Server on your PC.

3.1 Installing the Printer Server

Before you can start installing the Printer Server you will need to connect a printer to your computer that has been locally installed. If you do have a printer, that has not yet been installed, then you first need to install it on your computer. Consult the manual of your printer. If your printer has correctly been installed and you can print directly from your computer, you can follow the steps below.

1. Disconnect your printer from your computer.
2. Place the Printer Server near your printer.
3. Connect the Printer Server to a power outlet using the provided power adapter.
4. Connect the Printer Server to your existing network (for instance a router or modem router) using a UTP network cable.
5. Connect your printer to the Printer Server. See figure 1.

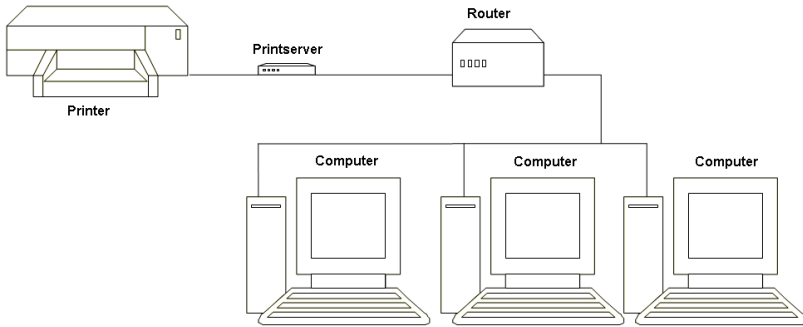
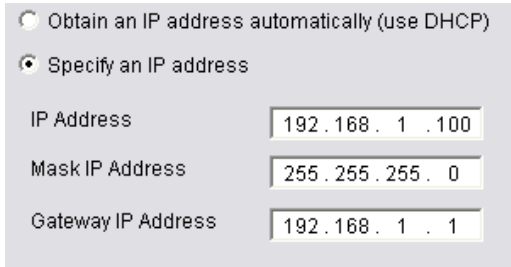


Figure 1.

3.2 Installing the Printer Server software

Note! Consult the information on your existing network (for instance your router or modem router) before installing the Printer Server.

1. Insert the provided installation CD-rom into the CD-rom or DVD drive.
2. Select the preferred language.
3. Click 'Next'.
4. Click 'Printserver Wizard'.
5. Click 'Next'.
6. Select your Printer Server from the list.
7. Click 'Next'.
8. The installation wizard asks if you want to change the current settings. Click 'Yes, I want to change settings'.
9. Click 'Next'.
10. Click 'Specify an IP Address' (See figure 2).
11. Enter the IP address of your router or modem router in the 'Gateway IP Address' field.
12. Enter the subnet mask of your router or modem router in the 'Mask IP Address' field.
13. Enter a unique IP address in the 'IP Address' field, which lies in the range of your existing network. See figure 2.
14. Click 'Next'.
15. Click 'Next' to write the settings to the Printer Server.
16. Select your printer from the list.
17. Click 'Next'. If your printer is not in the list you can also manually add your printer using the 'Add new printer' button.
18. Enable the checkbox near 'Use this printer as the default printer'.
19. Click 'Next'.
20. Click 'Finish' to close the installation wizard.



The screenshot shows a network configuration window with two radio buttons at the top. The first radio button, labeled 'Obtain an IP address automatically (use DHCP)', is unselected. The second radio button, labeled 'Specify an IP address', is selected. Below the radio buttons are three input fields, each with a label and a text box containing an IP address. The first field is labeled 'IP Address' and contains '192.168.1.100'. The second field is labeled 'Mask IP Address' and contains '255.255.255.0'. The third field is labeled 'Gateway IP Address' and contains '192.168.1.1'.

Figure 2.

In figure 2 the Printer Server is connected to an existing network. The IP address of the router in this network is 192.168.1.1. All computers that are connected to this router have an IP address which starts with 192.168.1.. The last number of the IP address is always a unique number. All computers in the network have their own unique IP address. To make sure the Printer Server has a unique IP address that is not used by one of the computers we give the Printer Server a rather high IP address of 192.168.1.100.*

To activate the Printer Server you need to start the program 'PSAdmin' just once. Follow the instructions below.

1. Click 'Start'.
2. Click 'Programs'.
3. Click 'Network Print Server'.
4. Click 'PSAdmin'.
5. Make sure your Printer Server is listed.
6. Close the program 'PSAdmin'.

3.3 Printer options and printing a test page

1. Click 'Start'.
2. Click 'Control Panel'.
3. Click 'Printers' or 'Printers and Other Hardware'.
4. Right click your printer and click 'Properties'.
5. Click the 'Advanced' tab.
6. Enable the checkbox near 'Start printing immediately' and click 'Apply'.
7. Click the 'Ports' tab.
8. Make sure which port is checked. If chapter 3.2 has been executed the printer will print to an IP address, for instance to 192.168.1.100.
9. Click the 'General'.
10. Click the 'Print Test Page' button.

If the page is not printed then turn off both the printer and the Printer Server for one minute. Turn on the Printer Server first and then wait one minute before turning on the printer. Click 'Print Test Page' again.

4.0 Frequently asked questions

Q: Are all printers supported by the Eminent Printer Server?

A: Not all printers are compatible with a Printer Server. There are several printers that can only work when directly controlled by your computer, or work with an uncommon protocol. All-in-one printers are usually not compatible with a printer server. Consult the manufacturer of your printer for more information.

Q: The CD-rom does not start automatically?

A: You can start the installation wizard by clicking 'Start', then 'Run'. Type 'X:\wizard\wizard.exe' in the field 'Open' ('X' is the drive letter of your CD-rom or DVD station) and click 'OK'.

Q: PSAdmin can not find a Printer Server?

A: Check to see if there is firewall or anti virus software installed on your computer. Some firewalls block the traffic to the Printer Server. Temporarily remove all security software from your computer and restart PSAdmin.

Q: I can not print correctly using my Printer Server.

A1: If the page is not printed turn off both the printer and the Printer Server for one minute. Turn on the Printer Server first and then wait one minute before you turn on the printer. Try to print the page again.

A2: A firewall or virus scanner can block the data traffic. Temporarily remove all security software from your computer and try to print the page again.

A3: Install the IPX/SPX network protocol on your computer. Go to the control panel and open the icon 'Network connections'. Right click the active network connection and click 'Properties'. Then click 'Install' and click 'Protocol'. Select the protocol IPX/SPX. Restart your computer after installing the IPX/SPX network protocol and try to print the page again.

Q: During printing strange symbols appear on the paper.

A: Check the length of the printer cable. If a cable is longer than 2 meters it sometimes occurs that strange symbols will be printed, or the printer will not print at all.

A: The Printer Server may not be compatible with the driver of your printer. Install the most recent driver for your printer and try to print the page again.

Q: While printing, the message 'The segment of the printer you selected is different from your computer' appears.

A: This happens because of different IP addresses. The Printer Server has an IP address that is not in the range of your network. Change the IP address of the Printer Server to fall within the range of your network.

Q: *How do I reset the Printer Server?*

A: On the side of the housing there is a small reset button. Hold it down for about 15 seconds to reset the Printer Server.

5.0 Service and Support

This users manual has been carefully written by Eminent's technical experts.

If you have problems installing or using the product, please fill out the support form at the website www.eminent-online.com/support.

Declaration of Conformity

To ensure your safety and compliance of the product with the directives and laws created by the European Commission you can obtain a copy of the Declaration of Conformity concerning your product by sending an e-mail message to: info@eminent-online.com. You can also send a letter to:

Eminent Computer Supplies
P.O. Box 276
6160 AG Geleen
The Netherlands

Clearly state 'Declaration of Conformity' and the article code of the product of which you would like to obtain a copy of the Declaration of Conformity.



Trademarks: all brand names are trademarks and/or registered trademarks of their respective holders.

The information contained in this document has been created with the utmost care. No legal rights can be derived from these contents. Eminent cannot be held responsible, nor liable for the information contained in this document.



Eminent is a member of the Intronics Group