

Software Manual

Net Configuration Tool

Ver. 1.01

AP3

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1. About this manual

This Net Configuration Tool Manual explains how to install and configure the Net Configuration Tool on Windows OS on PC.

It is advisable to read the contents of this manual carefully before using “Net Configuration Tool” utility for the first time.

2. Supported Operating Systems

The following operating systems are supported:

- Microsoft® Windows XP SP3 (32bit)
- Microsoft® Windows XP SP1 or later (64bit)
- Microsoft Windows Server 2003 SP1 or later (32bit/64bit)
- Microsoft Windows VISTA (32bit/64bit)
- Microsoft Windows Server 2008 (32bit/64bit)
- Microsoft Windows Server 2008R2 (64bit)
- Microsoft Windows 7 (32bit/64bit)
- Microsoft Windows 8 (32bit/64bit)
- Microsoft Windows Server 2012 (64bit)
- Microsoft Windows 10 (32bit/64bit)

3. Supported Printers

Product	Model	DPI	Max Printable Width
Thermal Printer	AP3	180 dpi	512 dots
Thermal Printer	AP3-3	203 dpi	576 dots

4. Installation & Uninstallation

4-1 Installation on Windows XP / Server 2003

- 1) Double-click the file "Software_NetConfigurationTool_V1.x.x.exe".
- 2) Follow the instructions on the screen to complete the installation process.

4-2 Installation on Windows Vista / Server 2008 / 7 / 8 / Server 2012 / 10

- 1) Double-click the file "Software_NetConfigurationTool_V1.x.x.exe".
 - ※ Administrator privilege may be required to run the installation file.
- 2) Follow the instructions on the screen to complete the installation process.

4-3 Uninstallation

- 1) Open "Add or Remove Programs" or "Remove Programs" in the Control Panel.
 - ※ XP or Server 2003: Control Panel – Add or Remove Programs
 - ※ Vista or higher OS: Control Panel – Remove Programs
- 2) Select "Net Configuration Tool" and click the "Remove" button to uninstall the Net Configuration Tool on your PC.

5. Configuration

To configure the **LAN settings**, the Ethernet cable should be connected to the printer with the host (PC) and, printer is connected to the same network.



Note

"Connected to the same network" means that the host and printer are connected to the same router.

Net Configuration Tool

LAN

Configuration

Launch Browser

Refresh

#	IP Address	Mac Address	System Name	Type
1	192,168,0,156	00:15:94:11:11:11	-	Wired

Printer Network Information

MAC Address:

IP Address:

Subnet Mask:

Gateway:

Port Number:

Language

Close

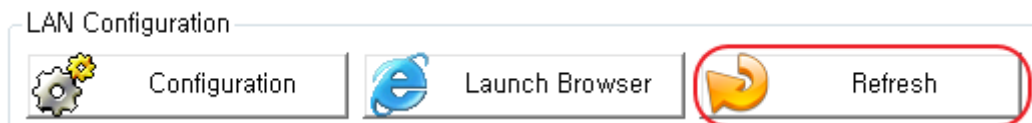
5-1 LAN Configuration

- The **LAN tab** allows you to search printers connected to the same LAN network and configure the printer's network settings required to enable communication between the printer and host. You can also configure the printer's network settings using a web browser. The following settings can be configured using the Net Configuration Tool.

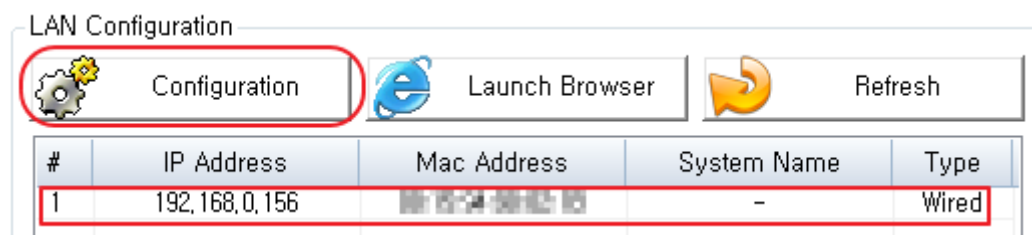
Settings	Description
IP Address Assignment Method	Assign IP address manually or automatically through DHCP. If the network does not support DHCP, you must assign the IP address manually.
IP Address	This information is required for LAN communication and a unique IP address must be entered. The communication port is set to 9100 by default. You have to change the port number to use another port.
Subnet Mask	
Gateway	
Port Number	
Inactivity Time	If there is no communication between the host and printer during the set period of time, the connection will be closed automatically. The value can be set between 0 and 3600 seconds (1 hour). If set to 0, this function is disabled.

5-1-1 Using the Configuration Button

1. Check to make sure the printer is switched on.
2. Click the Search/Refresh button to search for printers on the network



3. If the Security Alert message pops up, click either **"Unblock"** or **"Allow access"**.
4. From the search results, click the MAC address (Media Access Control Address) or IP address (Internet Protocol Address) of the printer you want to configure.
5. Click either Configuration button or double-click the item you want to configure.



- Configure the network settings of the printer and click the Save button.

IP Address Assignment

☐ DHCP (Dynamic Host Configuration Protocol)

☒ Manual

IP Address: 192 . 168 . 100 . 153

Subnet Mask: 255 . 255 . 255 . 0

GateWay: 192 . 168 . 100 . 254

Port Number

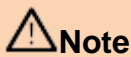
Port Number: 9100 [0 - 32767]

Inactivity Time

Inactivity Time: 0 [0 - 3600] sec.

Save Cancel

<Network Settings on the Net Configuration Tool>



Note

If DHCP server is not supported, you have to assign IP address manually. Contact your network administrator for the assignable IP address.

When the network settings are configured, it will automatically search for printers connected to the network.

- Use a ping test to check the connection with the printer.



Note

Ping test command: ping "printer's IP address"

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Matthe>ping 192.168.1.1

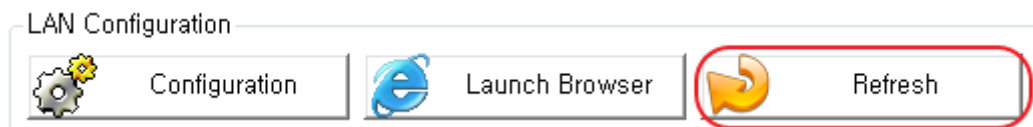
Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64

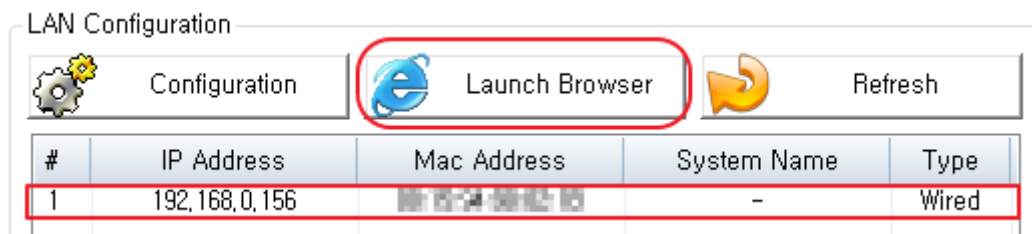
Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

5-1-2 Using the Launch Browser Button

1. Check to make sure the printer is switched on.
2. Click the Search/Refresh button to search for printers on the network



3. If the Security Alert message pops up, click either **"Unblock"** or **"Allow access"**.
4. From the search results, click the MAC address (Media Access Control Address) or IP address (Internet Protocol Address) of the printer you want to configure.
5. Click the Launch Browser button.



Note

If the printer failed to get an IP address from DHCP Server, or invalid IP address was assigned by users, you cannot access the web page for network configuration from the printer.

6. Configure the LAN network settings of the printer on the web browser.
7. Click Apply to save the changes.

The screenshot shows the 'Configuration' page of a web browser. It contains a form with the following fields and values:

F/W ver.	3.0
MAC	08:00:27:00:00:00
Source IP	192.168.100.192
Subnet Mask	255.255.255.0
Gateway IP	192.168.100.254
Local Port	9100
Inactivity Time	0
DHCP mode	<input type="checkbox"/>

At the bottom of the form, there is an 'Apply' button highlighted with a red rectangular border.

< LAN Settings on Web Browser >

8. Use a ping test to check the connection with the printer.



Note

Ping test command: ping "printer's IP address"

```
Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Matthe>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64
Reply from 192.168.1.1: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

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Caution

Some semiconductor devices are easily damaged by static electricity. You should turn the printer "OFF", before you connect or remove the cables on the rear side, in order to guard the printer against the static electricity. If the printer is damaged by the static electricity, you should turn the printer "OFF".

Revision history

[illegible]