

Window Driver Manual

A10 Receipt Printer

Thermal Printer
Rev. 1.50



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1. Manual Information

This window Driver Installation Manual provides information on installation, detailed specifications, and usage of the printer`s Window Driver according to PC operating system(Window OS)

We at POSBANK maintain ongoing efforts to enhance and upgrade the functions and quality of all our products. In following product specifications and/or user manual content may be changed without prior notice.

2. Operating System(OS) environment

The operating system below are supported for usage.

Microsoft Windows 2000

Microsoft Windows XP (32bit/64bit)

Microsoft Windows Embedded For Point Of Service

Microsoft Windows Vista(32bit/64bit)

Microsoft Windows 7(32bit/64bit)

3. Windows Driver Preparation

Latest version can be downloaded from POSBANK`s download web server.(<http://easysset.org/>)

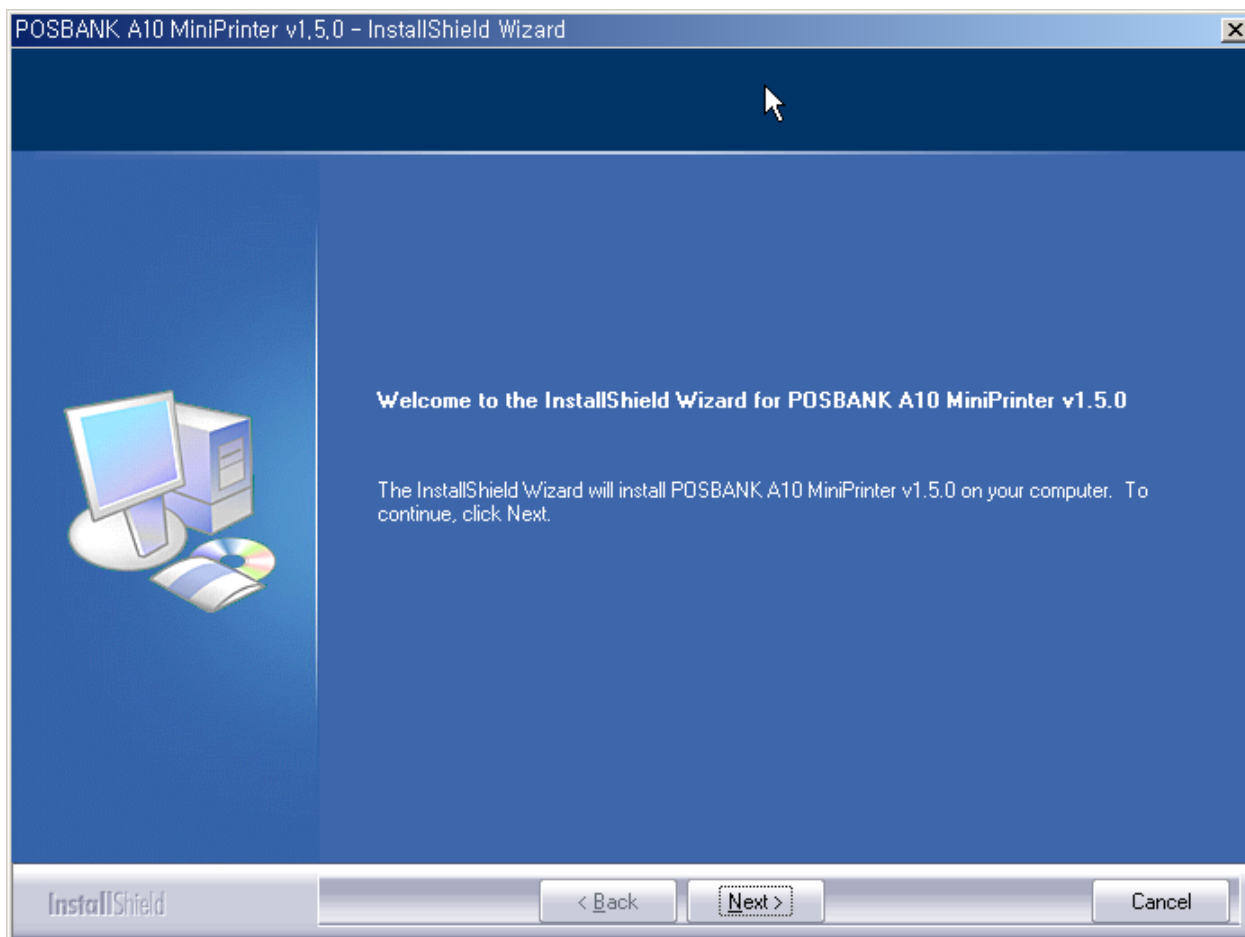
If downloading from our server, firstly download A10_MiniPrinter_v1.5.x_x86_xx.zip file or A10_MiniPrinter_v1.5.x_x64_xx.kzip file, and then unzip, run A10_MiniPrinter_v1.5.x_x86_xx.exe or A10_MiniPrinter_v1.5.x_x64_xx.exe.

4. Windows Driver Installation

4-1 Installing on Windows 2000

4-1-1 Via Serial or Parallel port

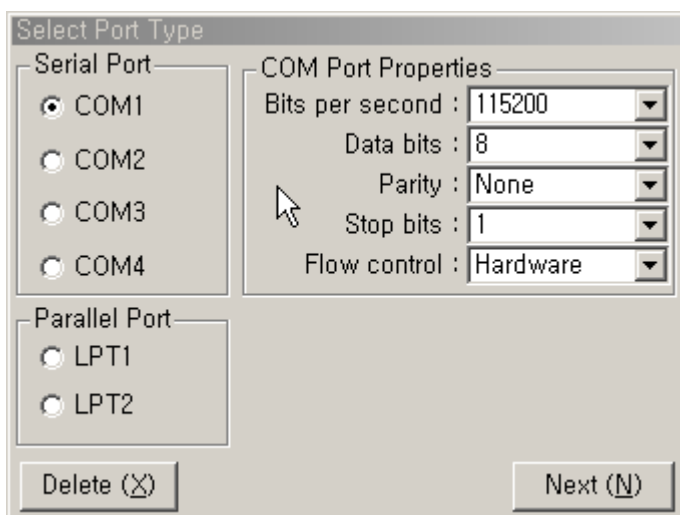
- 1) Double click the Windows Driver Installation file(A10_MiniPrinter_v1.5.x_x86_xx.exe)
- 2) Click the “Next” button.



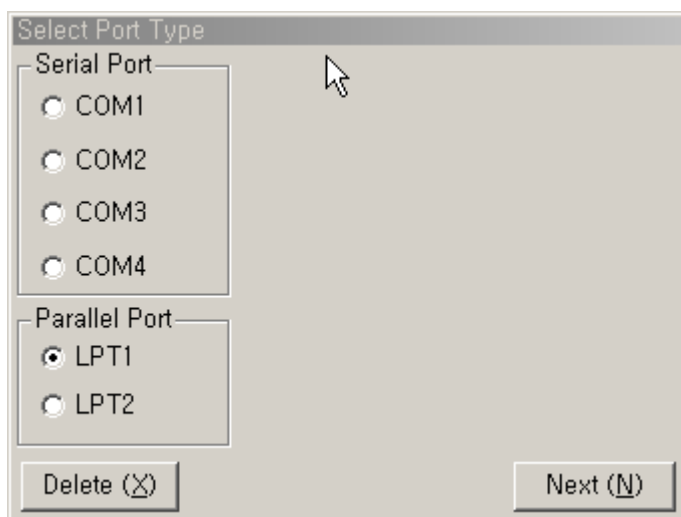
3) Click the “next” button after selected the COM or LPT that you use.

3-1) Identify communication condition with the printer using Serial port.

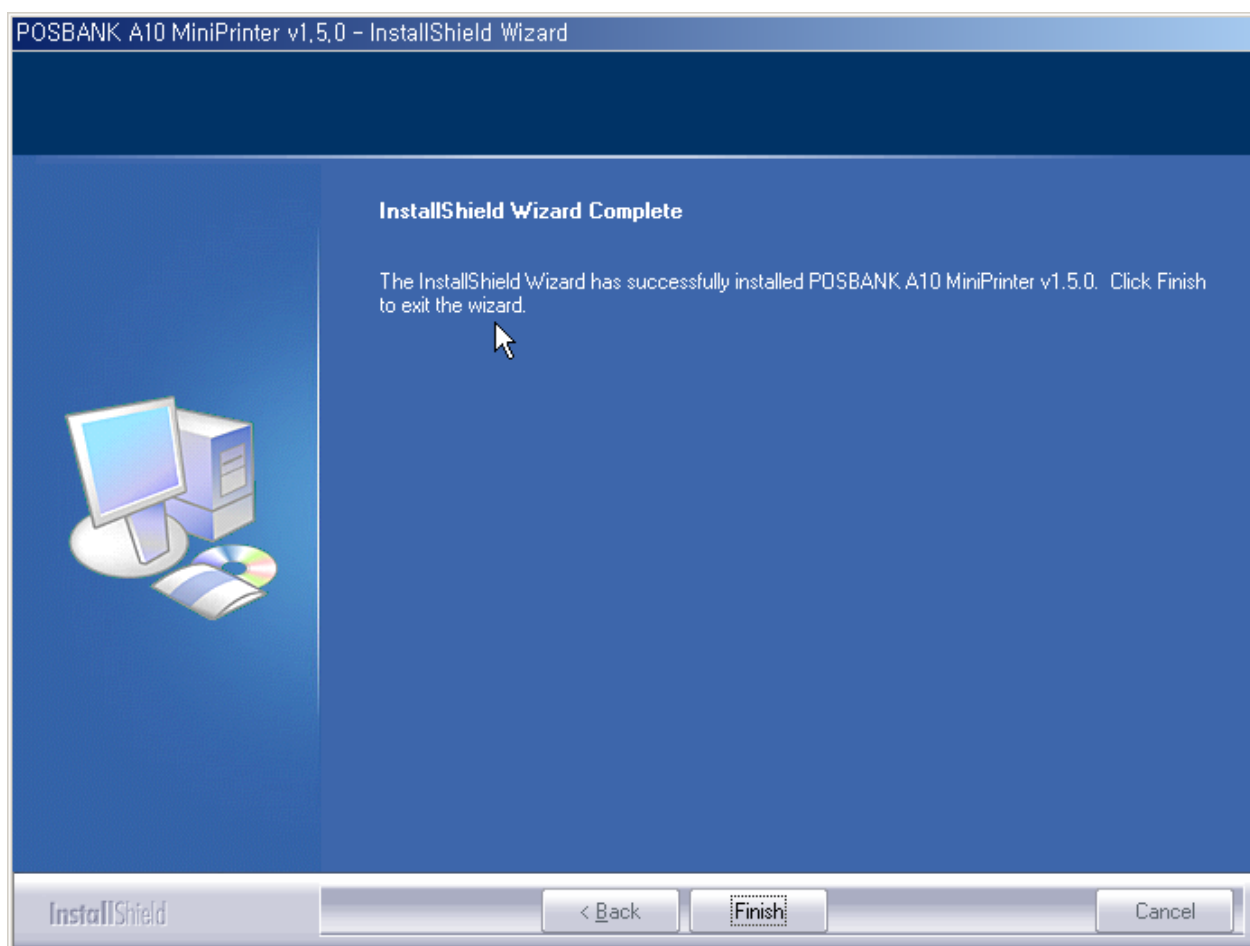
(The printer communication conditions that you can verify by using self test function.)



3-2) When using Parallel Port, select the port and click the “Next” button.

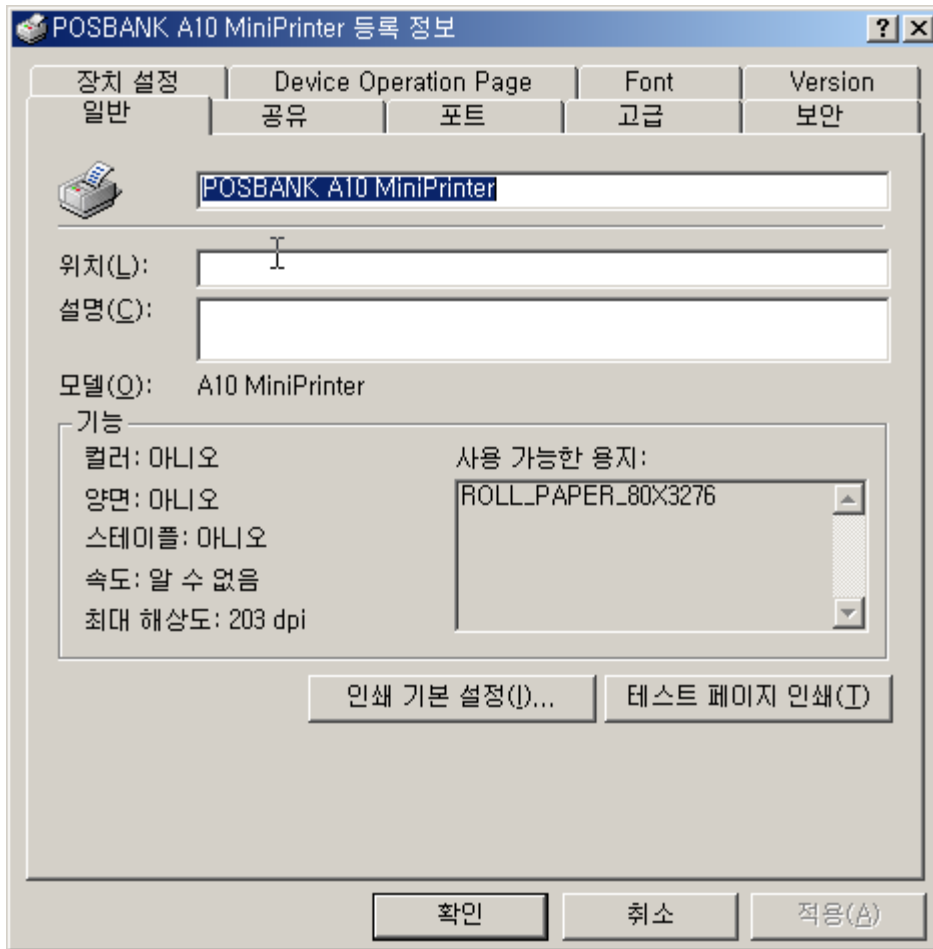


4) Completed of the Driver installation.



5) Open the printer properties window in the Windows OS.

6) Click the "Print Test Page" button and check printing status.

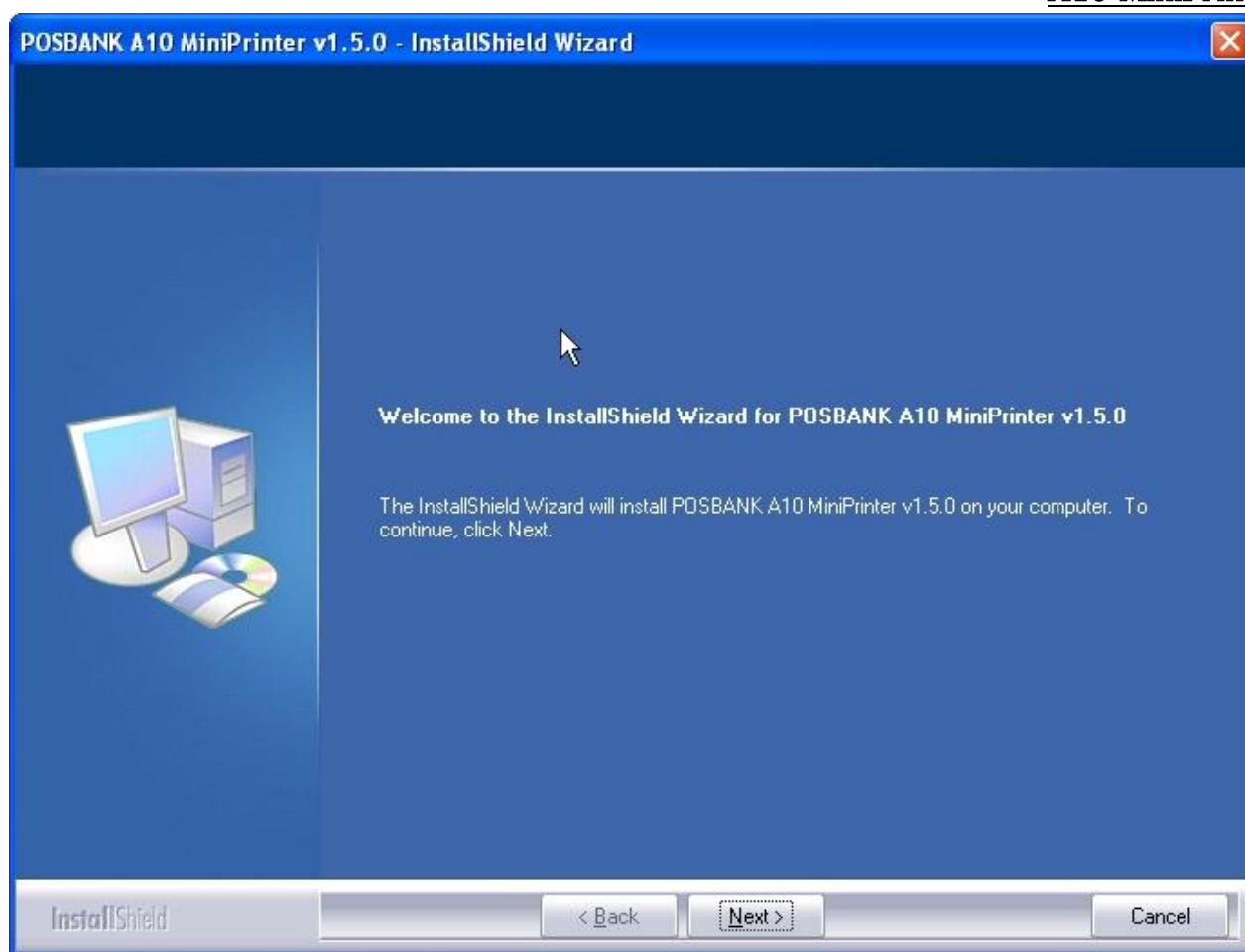


7) Proper installation of the driver is indicated if the test page is printed normally.

4-2 Installing on Windows XP

4-2-1 Via Serial or Parallel port

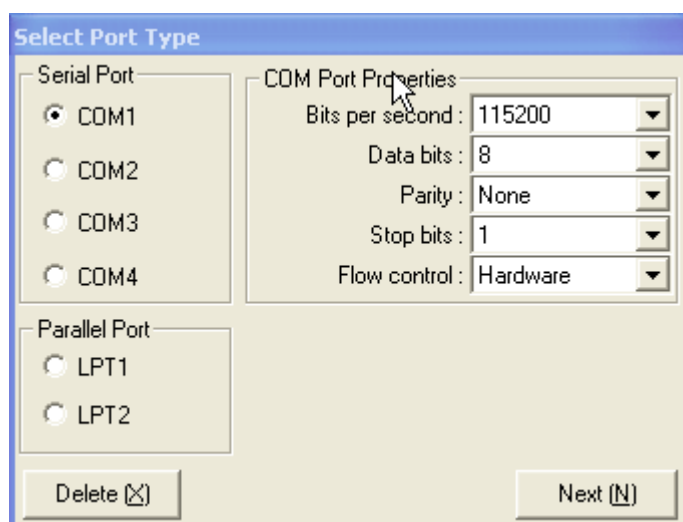
- 1) Double click the Windows Driver Installation file(Run A10_MiniPrinter_v1.5.x_x86_xx.exe or A10_MiniPrinter_v1.5.x_x64_xx.exe)
- 2) Click the “Next” button.



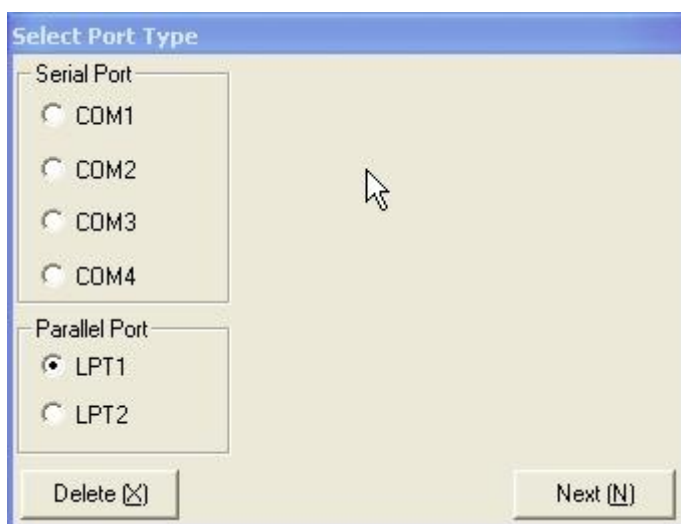
3) Select the COM or LPT(Which one you want to use) port be used and click the “Next” button.

3-1) Match the communication settings to those of the printer using Serial port.

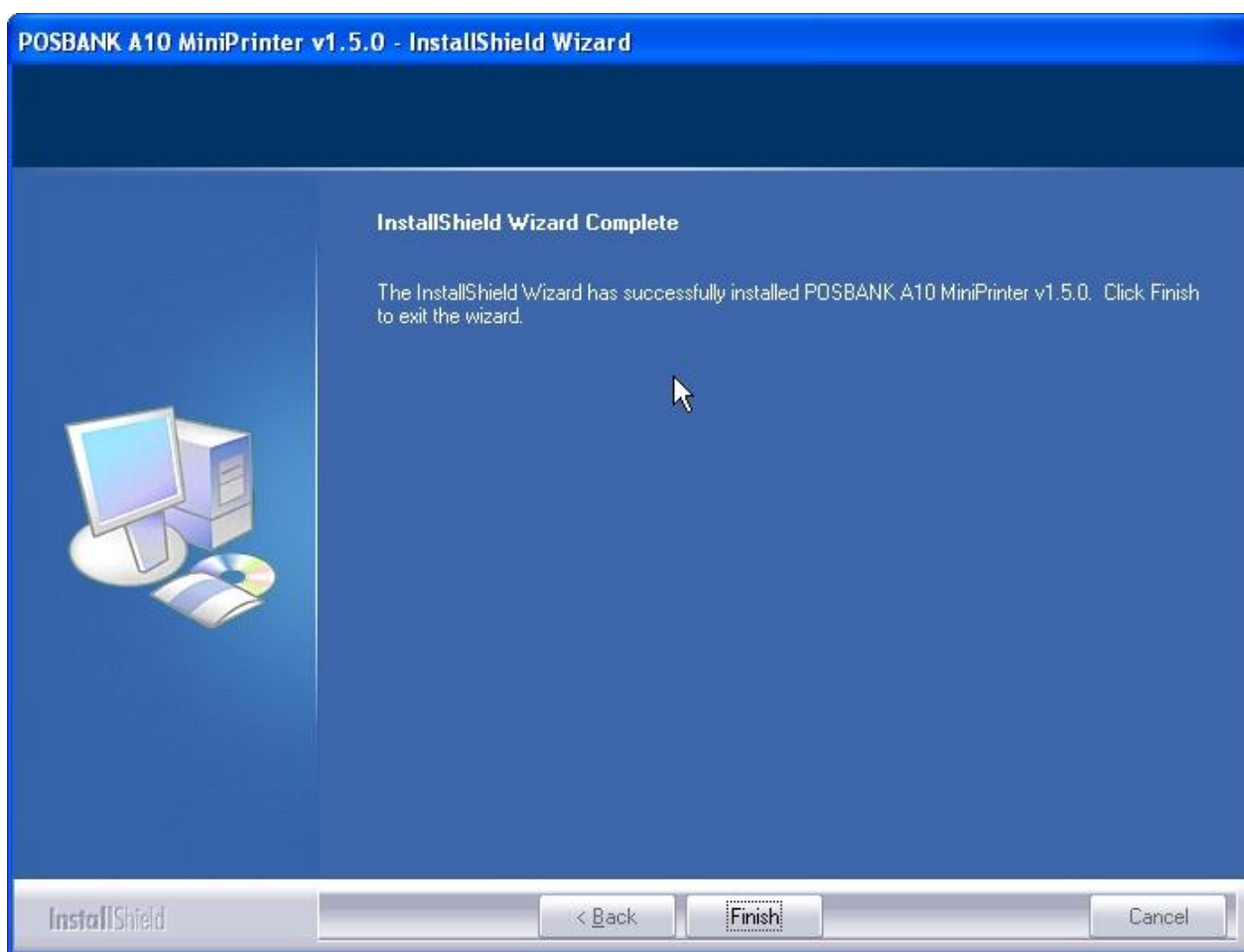
(the communication settings of the printer can be performed by conducting a self-test.)



3-2) Select the Port and click the “Next” button using Parallel Port.

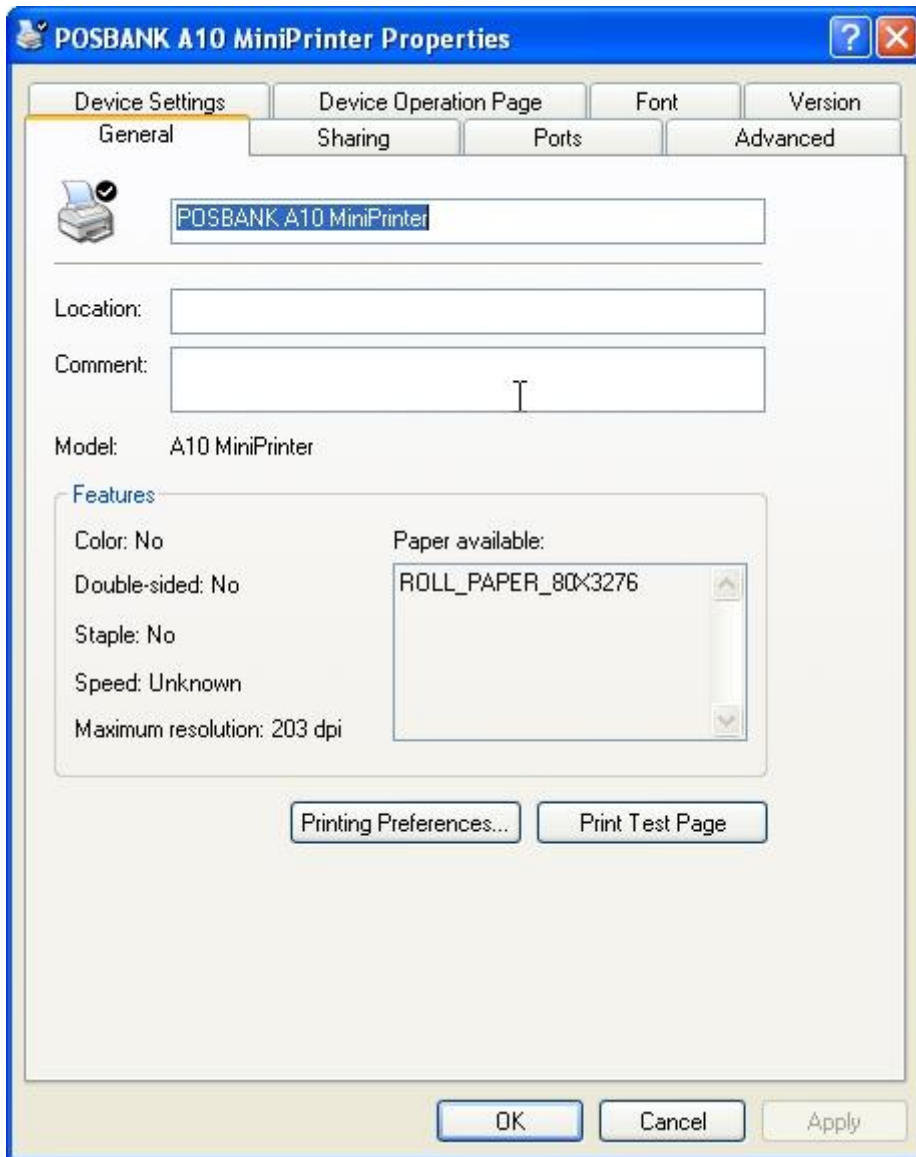


4) Completed of the Driver installation.



5) Open the printer properties control panel of Window in the Windows OS.

6) Click the "Print Test Page" button and check printing status.

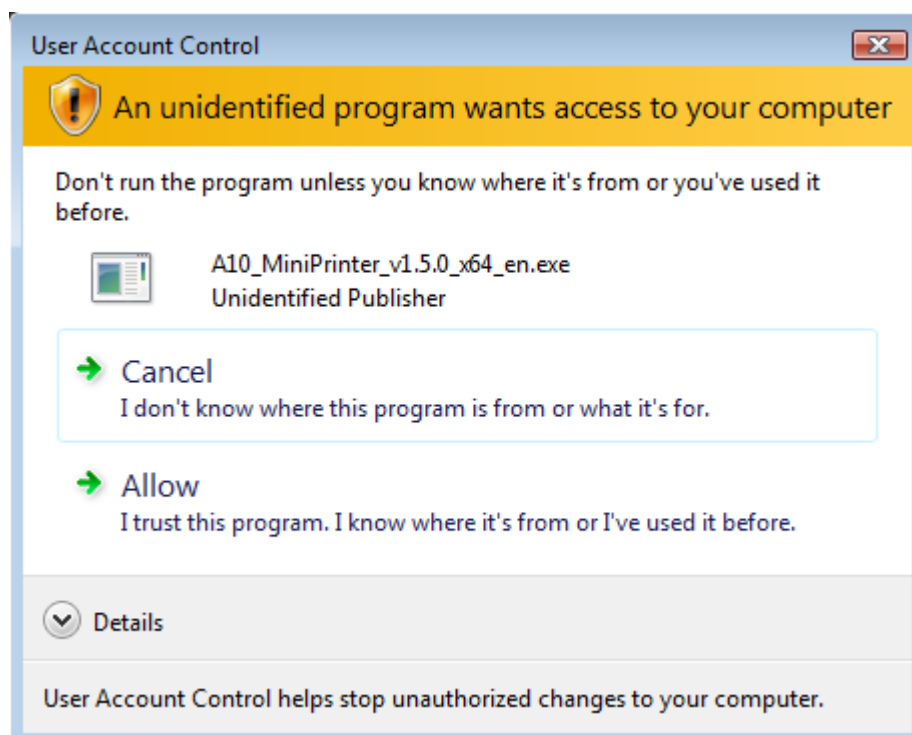


7) Proper installation of the driver is indicated if the test page is printed normally.

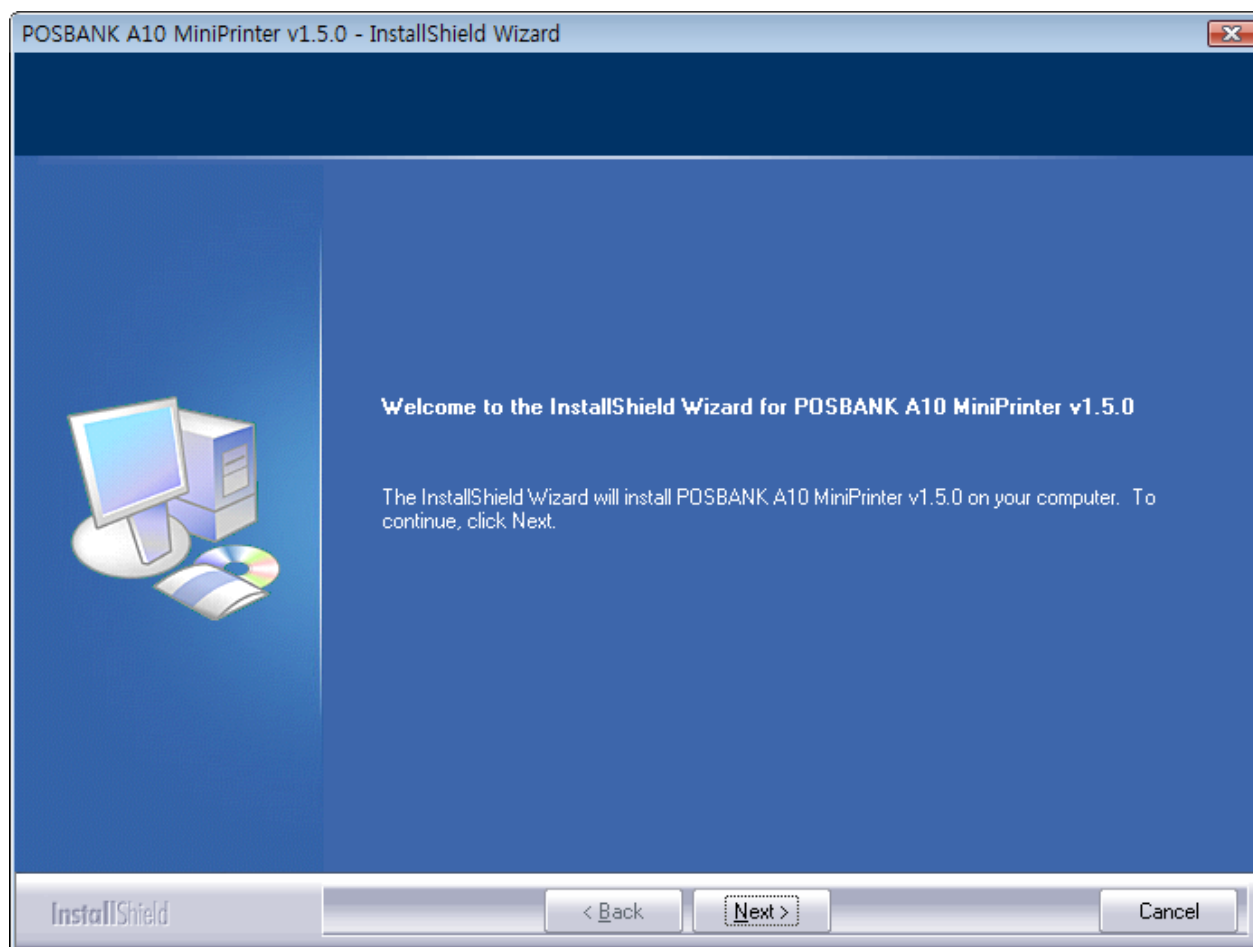
4-3 Installing on Windows Vista

4-3-1 Via Serial or Parallel port

- 1) Double click the Windows Driver Installation file.(Run A10_MiniPrinter_v1.5.x_x86_xx.exe or A10_MiniPrinter_v1.5.x_x64_xx.exe)
- 2) Select "Allow" when seeing message box as below.



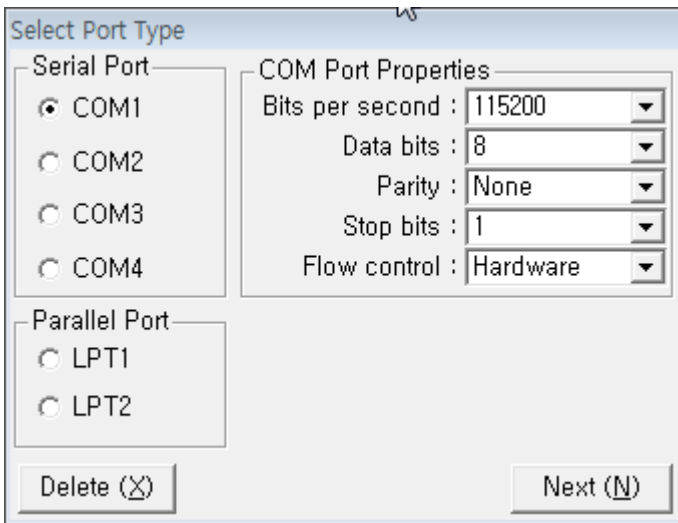
3) Click the “Next” button.



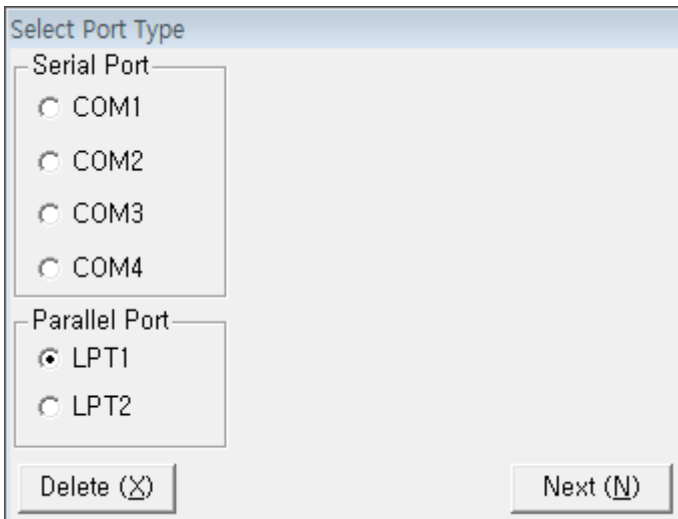
4) Select the port which you use, and click the “Next” button.

4-1) Match the communication settings to those of the printer using Serial port.

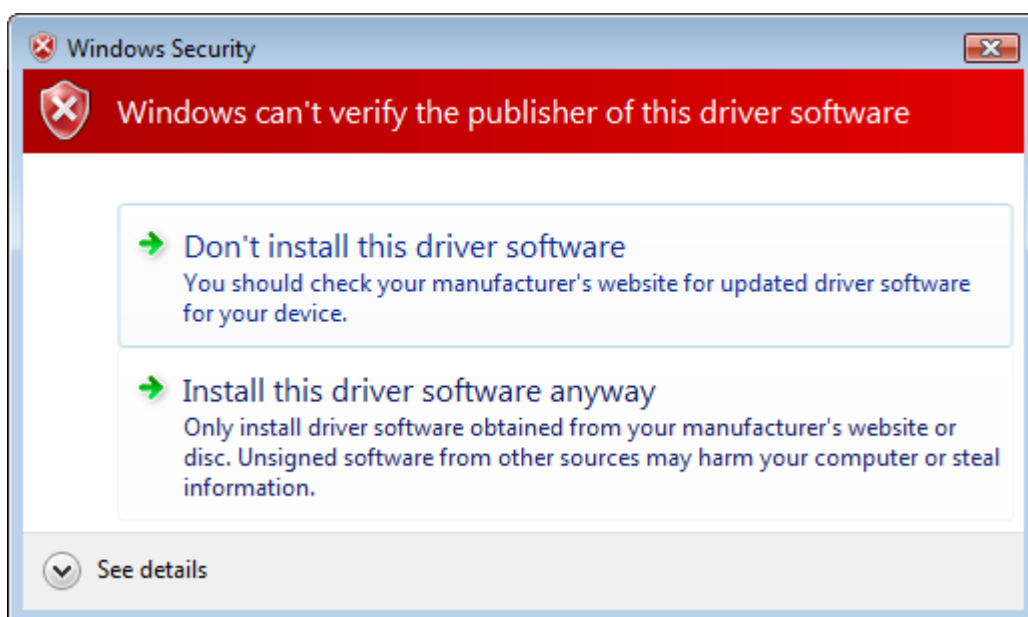
(the communication settings of the printer can be performed by conducting a self-test.)



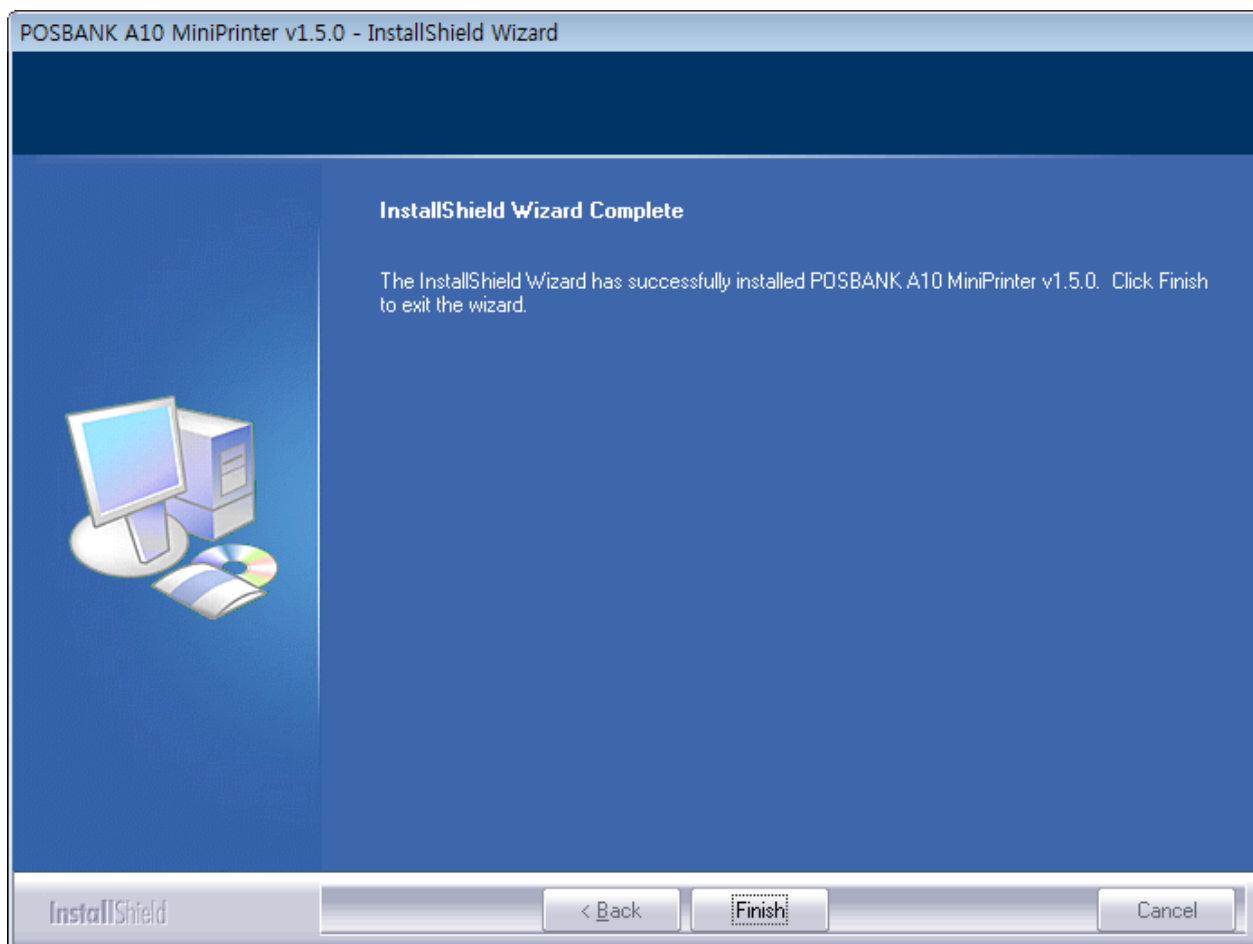
4-2) When using Parallel Port, select the port and click the “Next” button.



5) Select and click “Install this driver software anyway” if following message box appears.

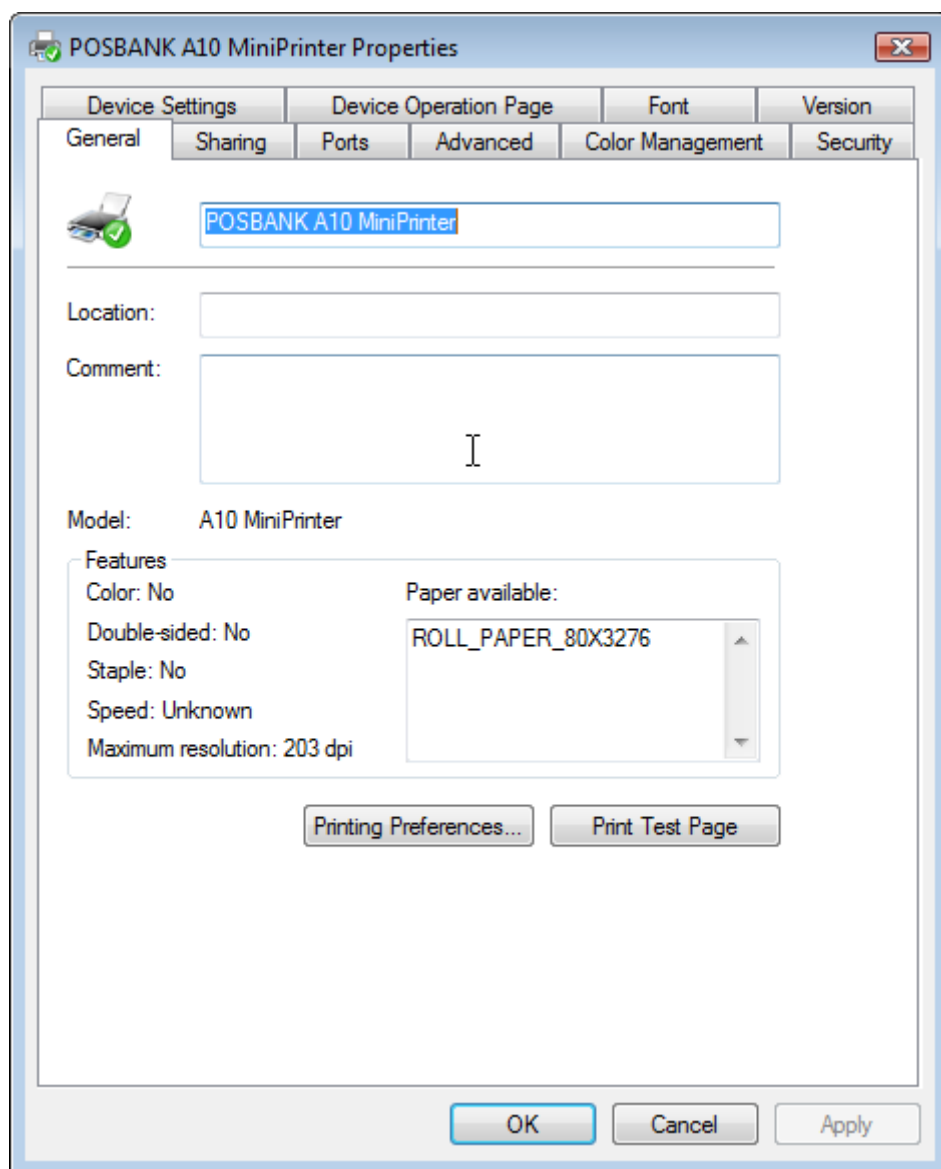


6) Completed of the Driver installation.



6) Open the printer properties window in the Windows OS.

7) Click the "Print Test Page" button and check printing status.

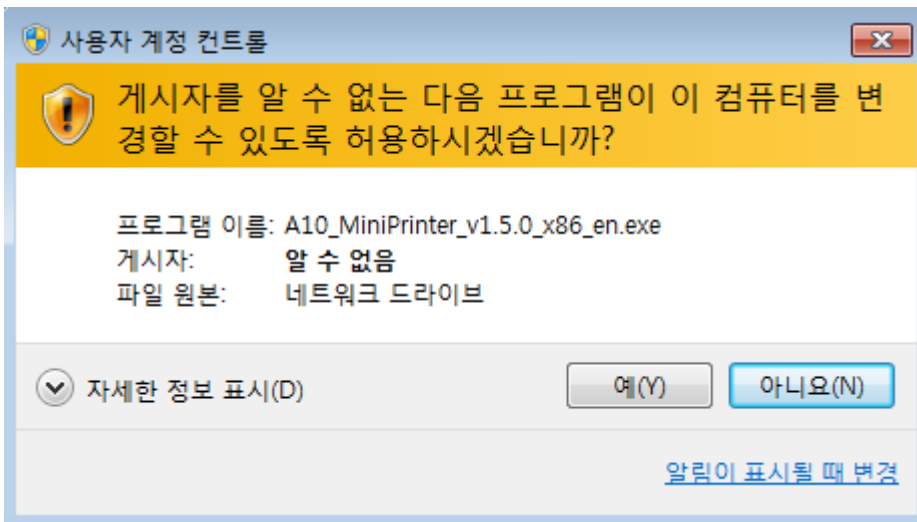


10) Proper installation of the driver is indicated if the test page is printed normally.

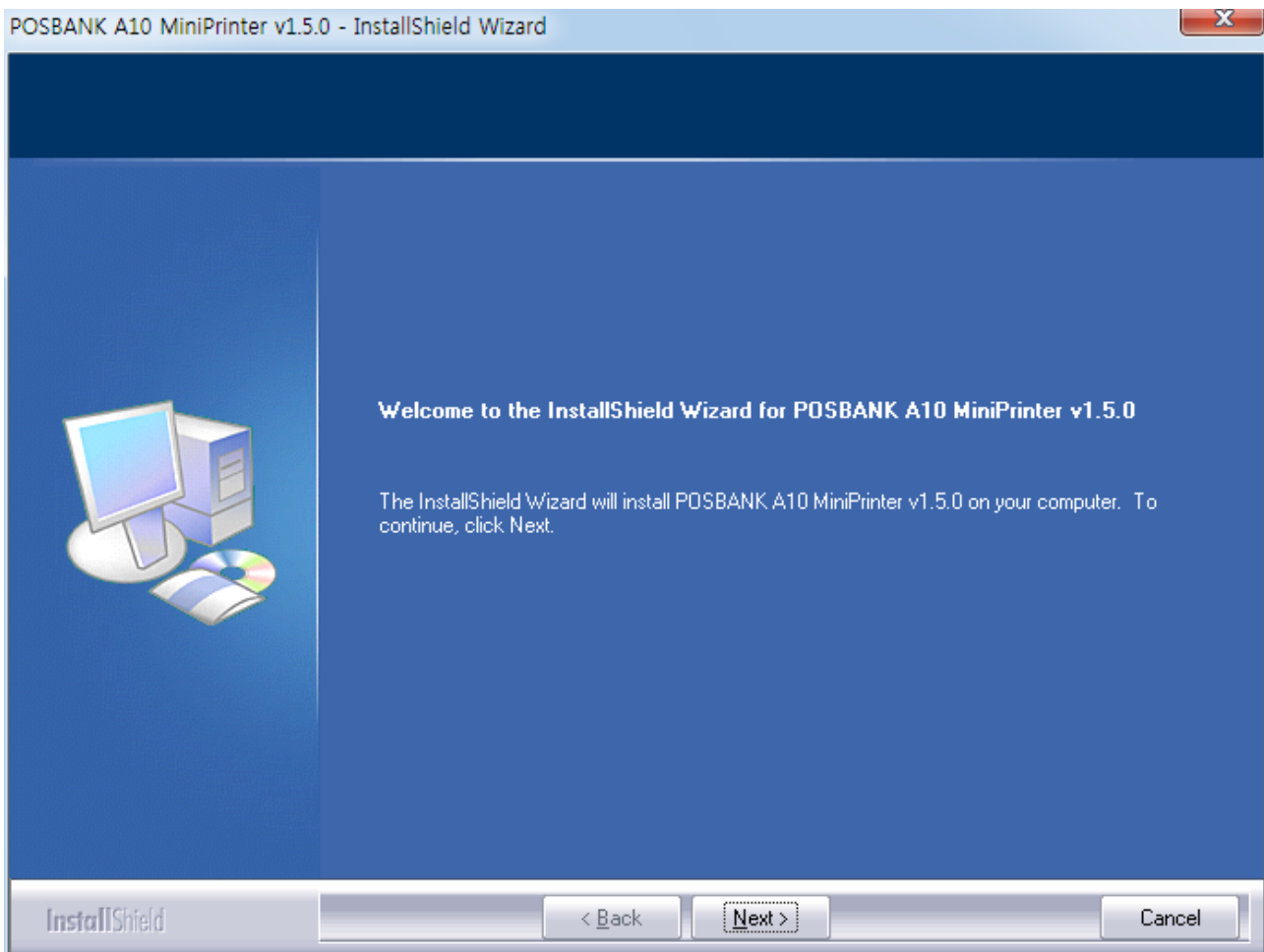
4-4 Installing on Windows 7

4-4-1 Via Serial or Parallel port

- 1) Double click the window Driver Installation file.(A10_MiniPrinter_v1.5.x_x86_xx.exe or A10_MiniPrinter_v1.5.x_x64_xx.exe)
- 2) When the following message box appears, select the “YES” button.



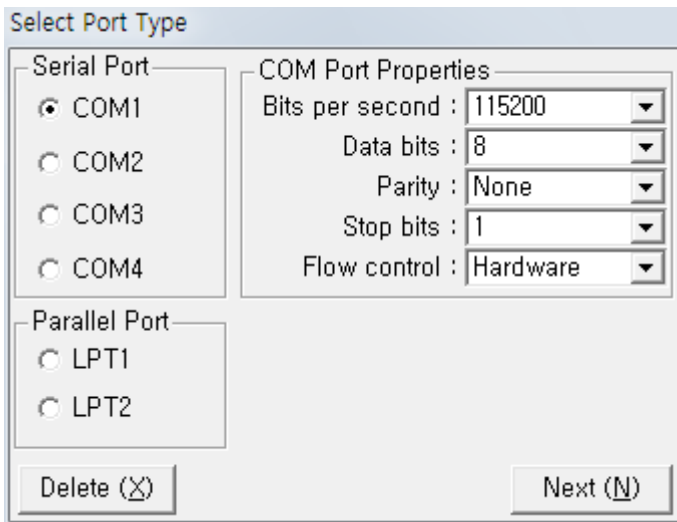
3) Click the “Next” button.



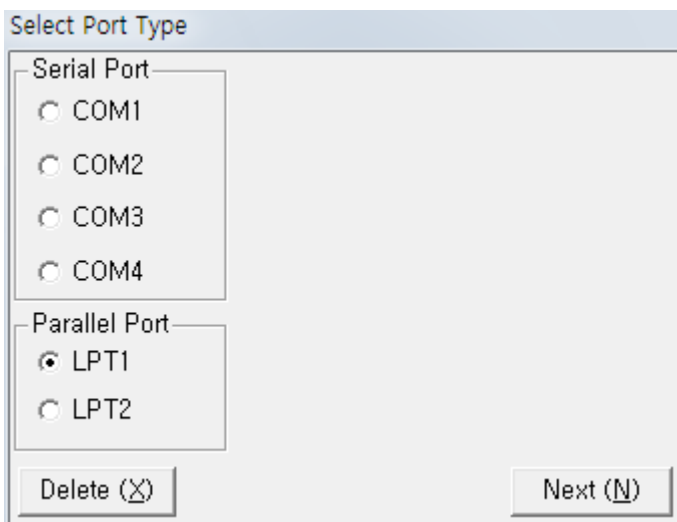
4) the port which you use, and click the “Next” button.

4-1) Match the communication settings to those of the printer using Serial port.

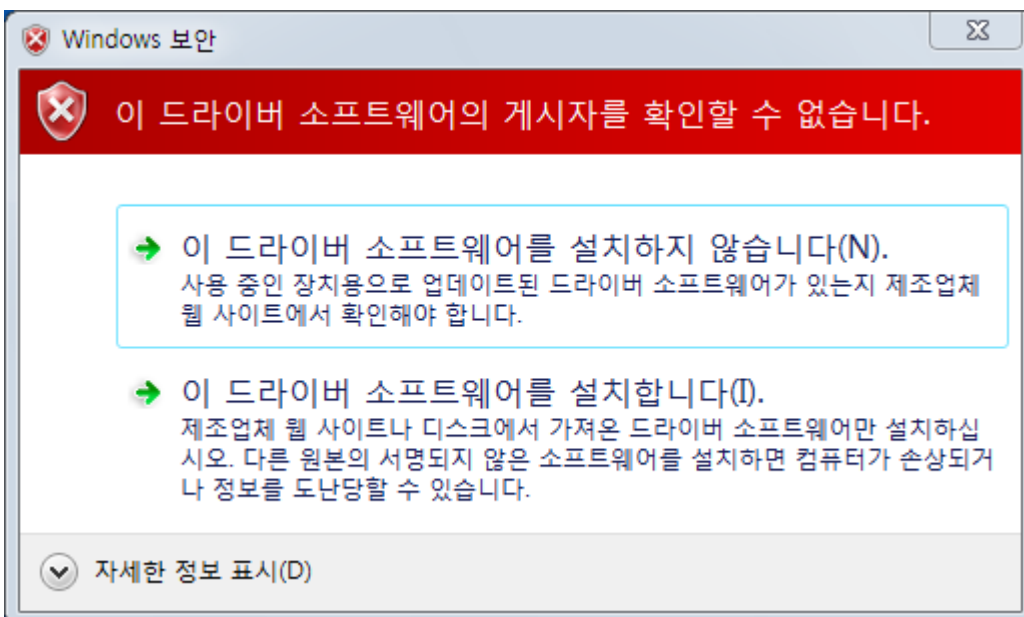
(The communication settings of the printer can be performed by conducting a self-test.)



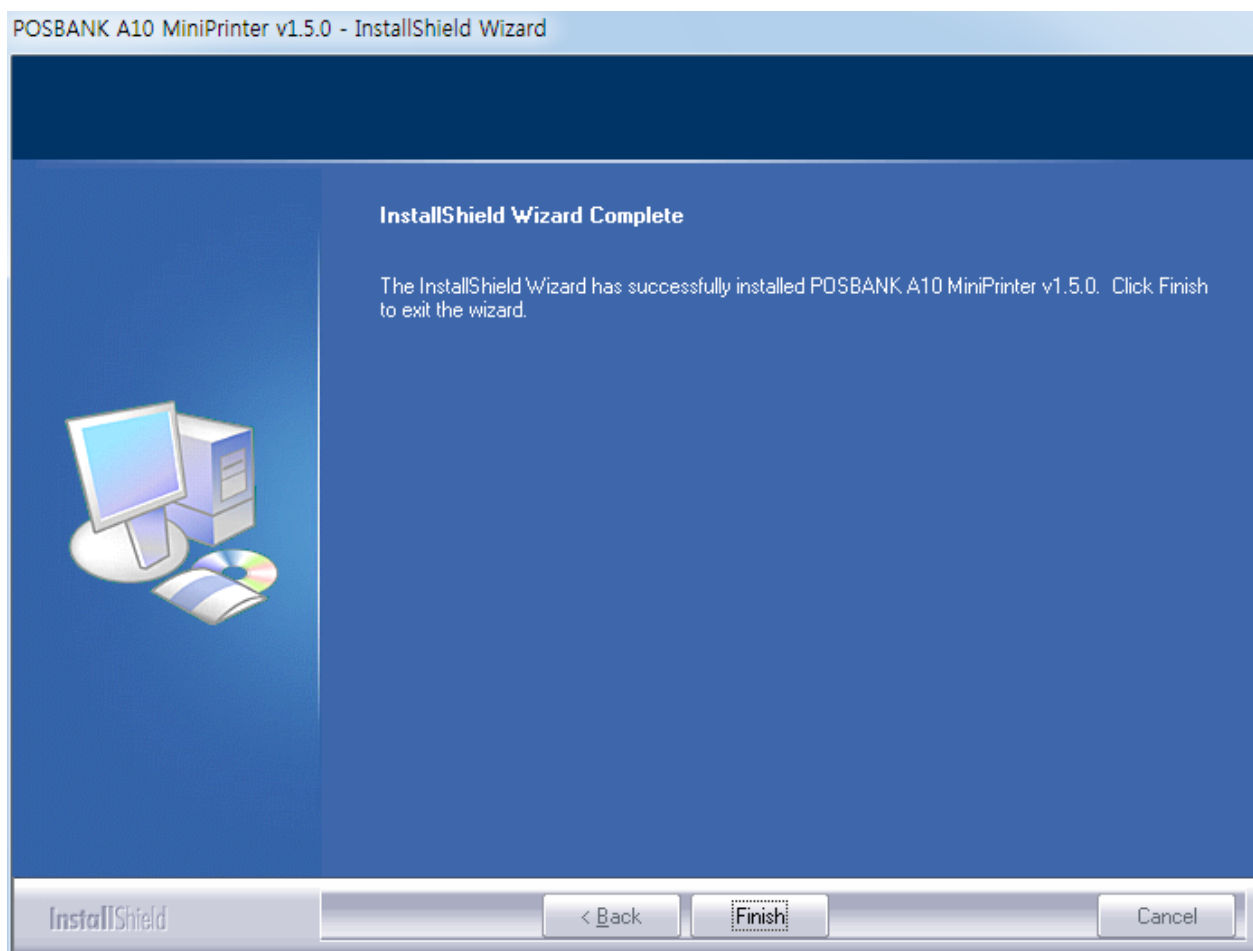
4-2) To use Parallel Port, select the port and click the “Next” button



5) Click the “Install this driver software” if following message box appears.

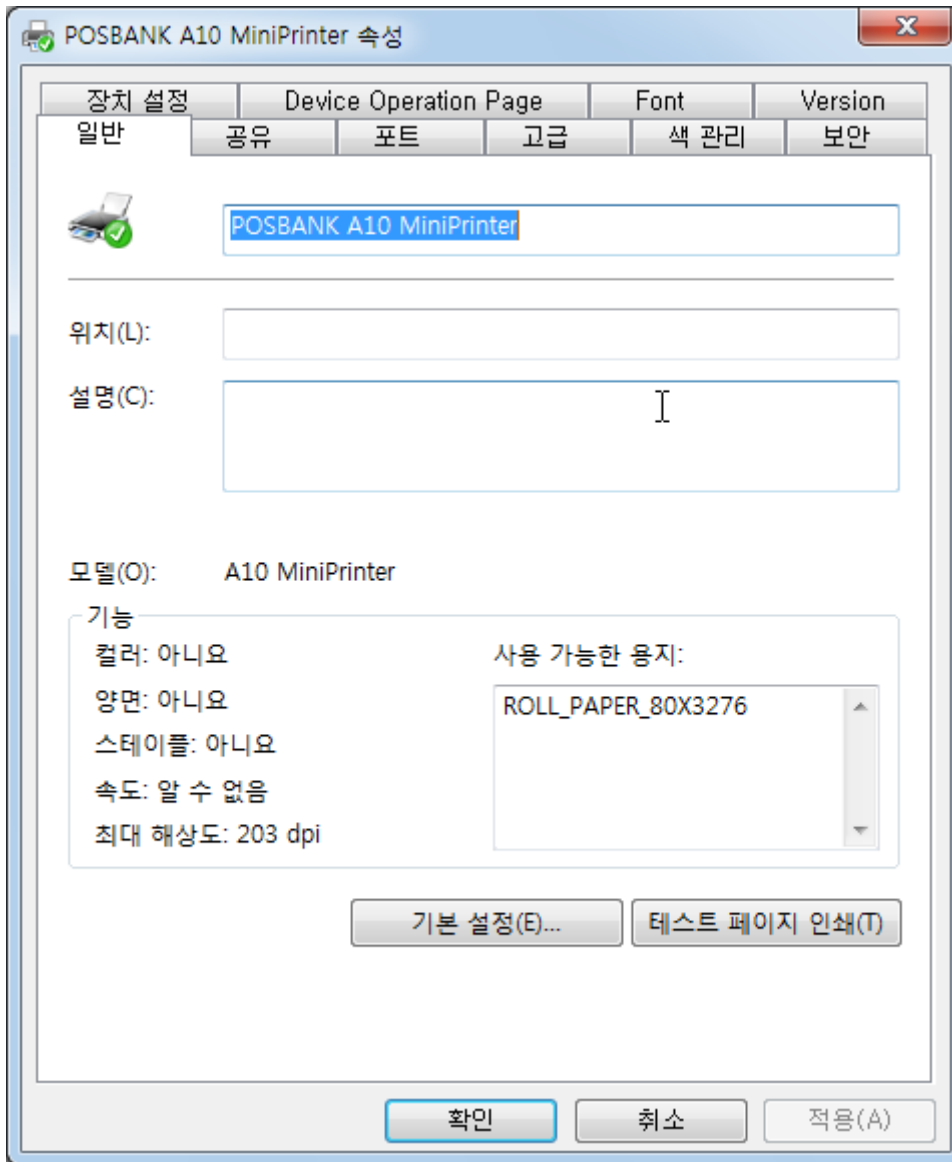


6) Completed of the Driver installation.



6) Open the printer properties window in the Windows OS.

7) Click the “Print Test Page” button and check printing status.



10) Proper installation of the driver is indicated if the test page is printed normally.

5. Detailed Windows Driver Settings

The following functions can be set in detail after the Windows Driver installation is completed.

5-1 Selecting paper size

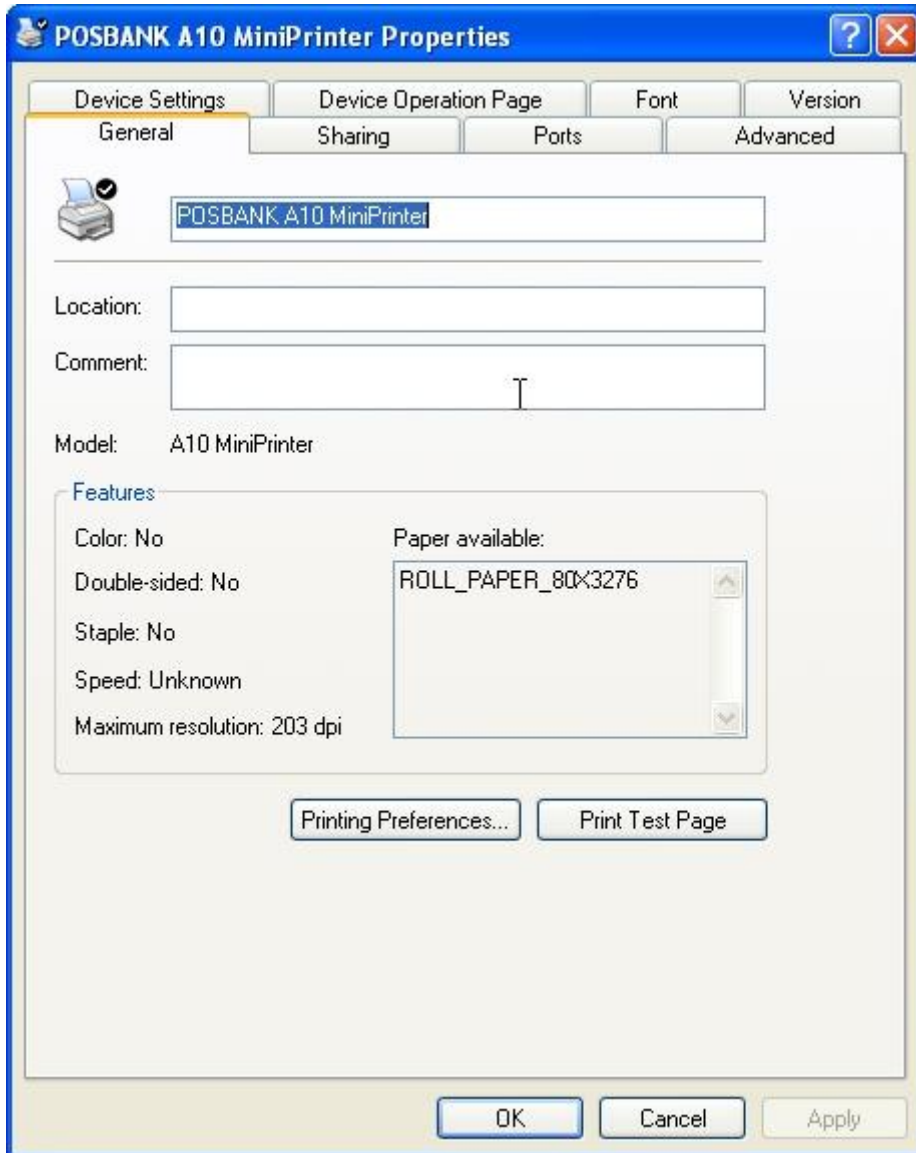
The paper sizes available in the Windows Driver are as follows.

- 1) 80 x 40 mm
- 2) 80 x 80 mm
- 3) 80 x 120 mm
- 4) 80 x 160 mm
- 5) 80 x 200 mm
- 6) 80 x 297 mm

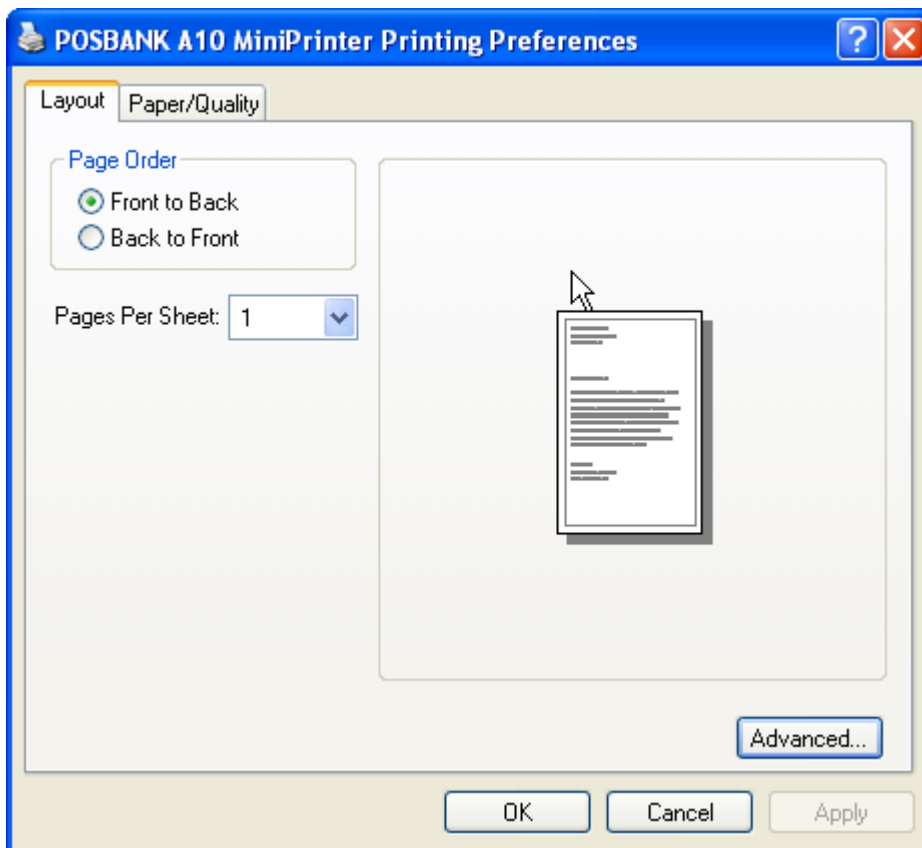
7) 80 x 3276 mm

Detailed setting can be done as follows.

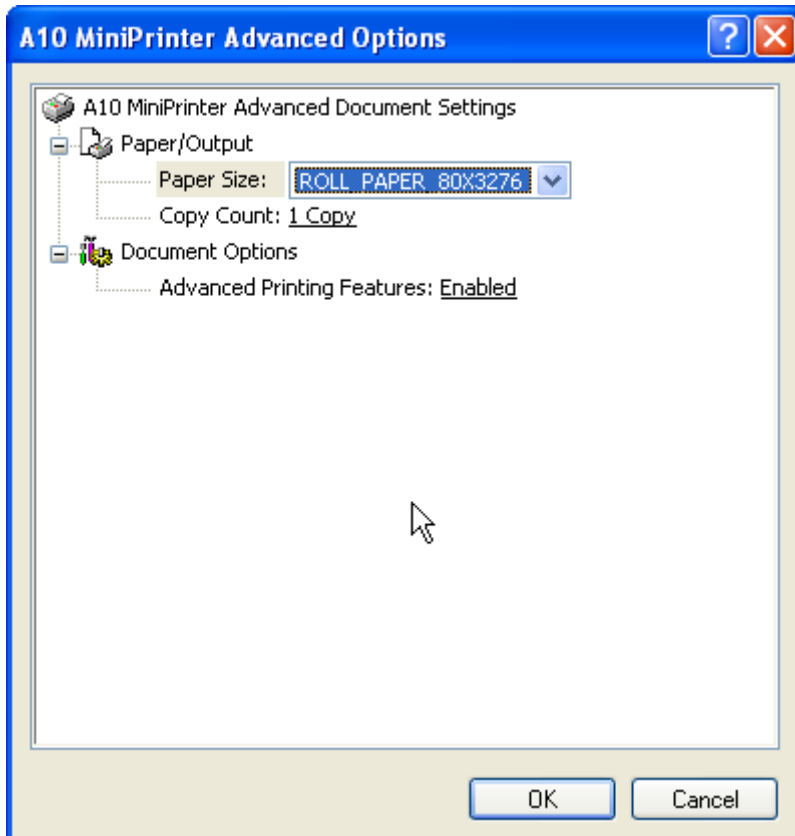
1) Open the printer properties window in the Windows OS.



2) Click the “Printing Preferences” button in the “General” tab.



3) Click the “Advanced” button below, select the functions which you want in “Paper Size”.



5-2 Additional Commands

The Windows Driver servers to receive the content for print from an application and send it to the printer. The Additional Commands function allows for the addition of desired commands at the beginning or end of the print content sent to the printer.

The command functions available are as follows.

- Start of Document
- Start of Page
- End of Document
- End of Page

Detailed setting can be done as follows.

- 1) Open the printer properties window in the Windows OS.
- 2) Click the “Device Operation Page” tab.
- 3) User can use Image command by NV Image Tool that download image to the printer.
- 4) 16 digits for “Emulation Command”, please refer to “Control order manual” “Emulation Command”.
 - When printout 1st image before document printout.
Select the “Start of Document”, and input the “1C700100” in “Emulation Command” window.
 - When printout 2nd image after document printout.
Select the “End of Document”, and input the “1C700200” in “Emulation Command” window.
- 5) If user want to open the Cash Drawer, select “Page Type” and select the “Open Cash Drawer”
 - When users open the Cash Drawer before documents printout, select the “Start of Document” and select the “Open Cash Drawer 1[2pin].
 - When users open the Cash Drawer after documents printout, select the “End of Document” and select the “Open Cash Drawer 1[2pin].

6. Windows Driver Specifications

6-1 Fonts

The Windows Driver of the printer supports the fonts listed below.

Printing is done at faster speed when using the fonts below as opposed to the Windows fonts of the OS.

6-1-1 User fonts

Printer Fonts			Fonts size(dot)	Sizes(point)
FontA11	FontA11[Ext.]	FontA11[255]	FontA11 (14x28)	10
FontA12	FontA12[Ext.]	FontA12[255]	FontA12 (14x56)	20
FontA21	FontA21[Ext.]	FontA21[255]	FontA21 (28x28)	10
FontA22	FontA22[Ext.]	FontA22[255]	FontA22 (28x56)	20
FontA42	FontA42[Ext.]	FontA42[255]	FontA42 (56x56)	20
FontA44	FontA44[Ext.]	FontA44[255]	FontA44 (56x112)	40
FontA48	FontA48[Ext.]	FontA48[255]	FontA48 (56x224)	80
FontA88	FontA88[Ext.]	FontA88[255]	FontA88 (112x224)	80
FontB11	FontB11[Ext.]	FontB11[255]	FontB11 (10x20)	7
FontB12	FontB12[Ext.]	FontB12[255]	FontB12 (10x40)	14
FontB21	FontB21[Ext.]	FontB21[255]	FontB21 (20x20)	7
FontB22	FontB22[Ext.]	FontB22[255]	FontB22 (20x40)	14
FontB42	FontB42[Ext.]	FontB42[255]	FontB42 (40x40)	14
FontB44	FontB44[Ext.]	FontB44[255]	FontB44 (40x80)	28
FontB48	FontB48[Ext.]	FontB48[255]	FontB48 (40x160)	57
FontB88	FontB88[Ext.]	FontB88[255]	FontB88 (80x160)	57

6-1-2 Printer Fonts are defined as follows.

1) FontA11

- ANSI Character code support (code page 16:1252)
- Fonts size(dot): 14 x 56 (Double height)
- Size(point): 20

2) FontA12[Ext.]

- IBM expansion Character code support (code page 0:437)
- Fonts size(dot): 14 x 56 (Double height)
- Sizes(point): 20

3) FontA12[255]

- Buyer exclusive code support (code page 255)
- Fonts size(dot): 14 x 56 (Double height)
- Sizes(point): 20

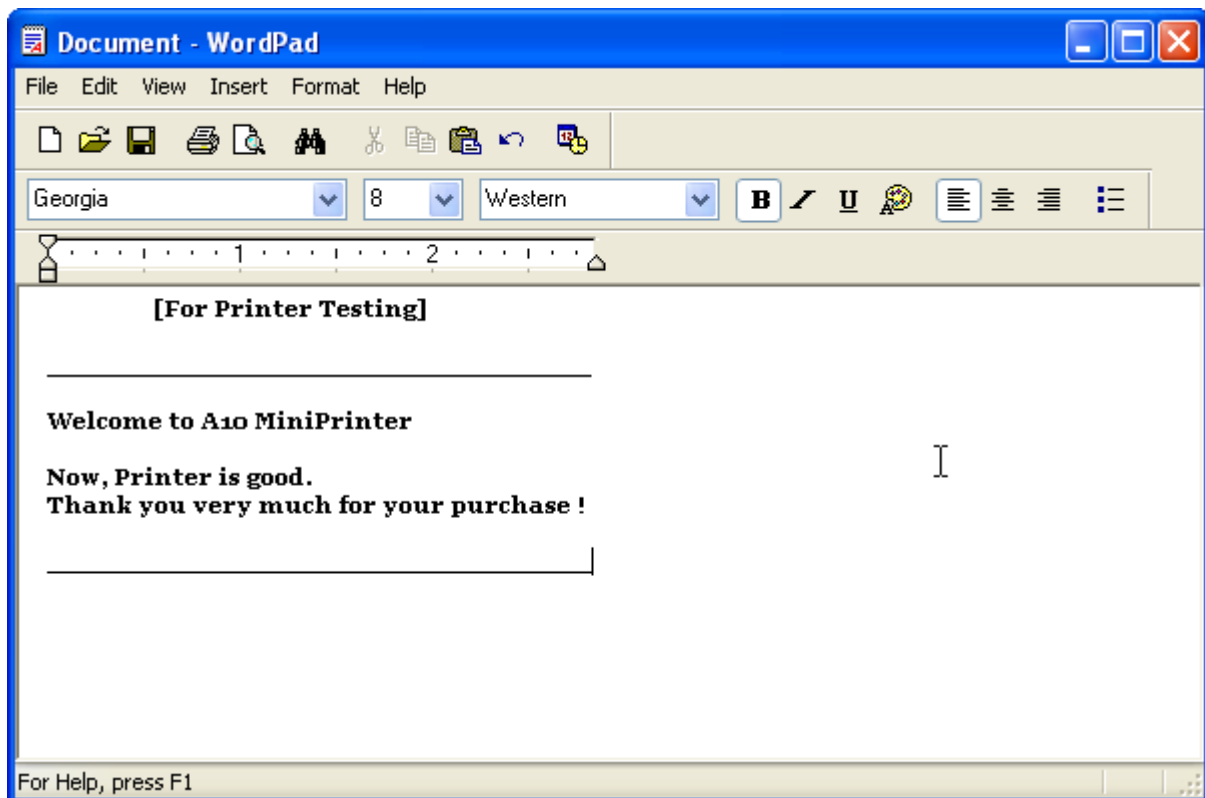
7. Application for the Windows Driver

7-1 Use of WordPad

7-2-1 WordPad Environment Settings

After running Wordpad and setting the following conditions, conduct a test.

- Select Paper Size, Orientation and Margins
After selecting “Page Setup” from the “File” menu, select the paper size, orientation, margins(setup the margin “0” on left, right, top and bottom)
- Select the printer
After selecting “Print” from the “File” menu, select the printer(POSBANK A10 MiniPrinter)



7-2-2 Text Printing

Use the Windows Driver of the printer to run a test.

