



NuPrint™ 210 2" (58mm) Thermal Receipt Printer



Model: NuPrint™ 210

QuickGuide

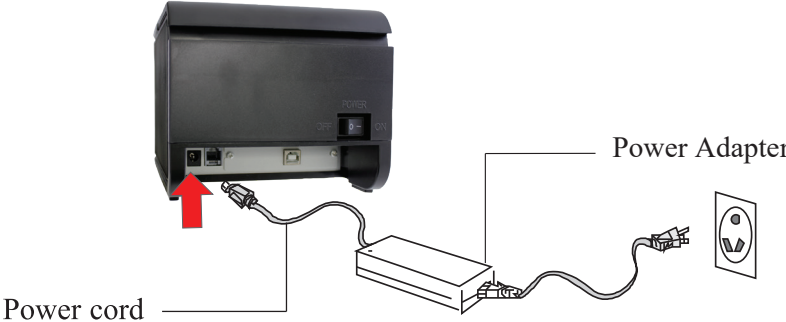
English

www.adesso.com

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HARDWARE INSTALLATION

1. Connect AC Power Cord to power outlet and DC Power Cord directly into the printer..



2. Connect Printer via USB cable to your Computer or device.



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LIMITED WARRANTY

Adesso® provides a one year limited warranty for all of its products against defects in materials and workmanship.

During this period, Adesso® will repair or replace any product which proves to be defective. However, Adesso® will not warrant any product which has been subject to improper handling, abuse, negligence, improper installation or unauthorized repair. The warranty will not cover products installed with components not approved by Adesso® and products where the sealed assembly trace has been broken.

If you discover a defect, Adesso® will, at its option, repair or replace the product free of charge, provided you return it during the warranty period with freight charges pre-paid to Adesso®. Before returning any product, you must obtain a Return Merchandise Authorization number (RMA). This RMA # must be clearly marked on the outside of the package you are returning for warranty service. Be certain to also include your name, shipping address (no PO Boxes), telephone number, and a copy of the invoice showing proof of purchase in the package.

SUPPORT

We have listed most of our FAQ's (Frequently Asked Questions) at: <http://www.adesso.com/faqs.asp>. Please visit our FAQ Service & Support pages before you contact our E-mail or Telephone Support.

Email Support: If our FAQ's do not help you resolve your issues, please email support@adesso.com.

Telephone Support:
Toll Free: (800) 795-6788
9:00AM to 5:00PM PST Monday - Friday

INTRODUCTION

The Adesso NuPrint™ 210 - 58 mm POS Thermal Receipt Printer is the compact and efficient solution to your Point of Sale and retail needs. With a printing speed of up to 120mm per second, supporting of multiple 1D barcodes, and connection to multiple POS devices, this thermal receipt printer is perfect for any business transaction in any environment without the mess and clutter.

SPECIFICATIONS

Printing Method: Direct Thermal
Printing Speed: ~120mm/s
Paper Width: 48mm
Paper Diameter: 58mm
Paper Thickness: 0.06-0.08mm
Column Capacity: 384 dots/line
Line Space: 3.75mm (customizable with commands)
Character Size: ANK, Font A: 12x24 dots; Font B: 9x17 dots
Bar Code: 1D: UPC-A/E, JAN13 (EAN13) JAN8, (EAN8), Code 39, Code 128, Code 93, Codabar
NV Flash: 64kb
Input Buffer: 32kb
Printing Head Life: 50KM
Power Supply: DC 12V±2.6A
Cash Drawer Control: DC 12V±1A
Interface: USB
Working Environment: Temperature -4°~122°F (0°~45°C) Humidity (10-80%)
Storage Environment: Temperature -14°~140°F (-10~60°C) Humidity (10-90%)
Weight: 2.5lbs (1.13kg)
Dimensions: 7" x 5.3" x 4.7" (182 x 135 x 119 mm)

REQUIREMENTS

- Operating system: Windows® 2000 / XP / Vista / 7 / 8 / 10; Linux / OPOS
- An available USB port / Serial Port

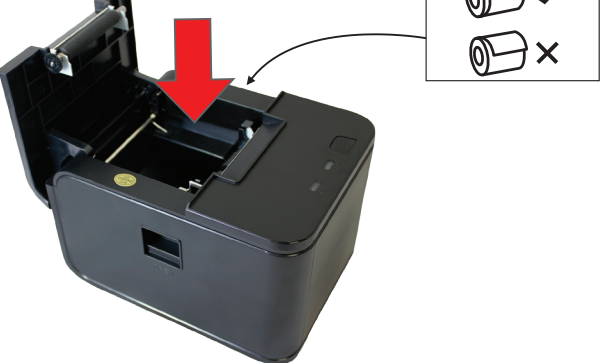
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INSTALLING THE THERMAL PAPER ROLL

1. Open the NuPrint™ 210 top cover by pressing the switch located to the left of the printer



2. Drop the thermal paper roll in the hole inside as shown in the below illustration.

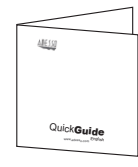


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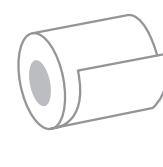
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NuPrint™ 210



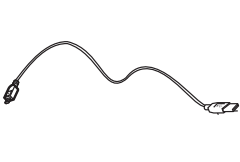
B
Quick Start Guide



C
Paper Roll



D
Power Cable



E
USB Cable



F
Driver Disc

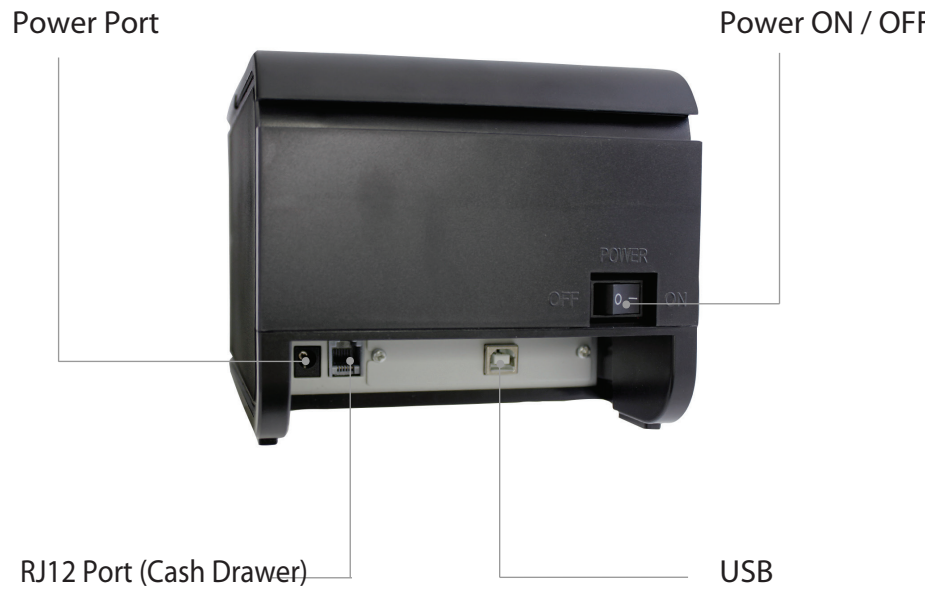
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DESCRIPTION

* Front View *



* Back View *



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PRINTER SELF-TEST

A self test should be performed for the following reasons:

1. To review or confirm your printer settings
2. To make sure printer is responding when initially connecting and setting up printer for first time.
3. To see detailed information regarding your printer such as printer speed, connectivity interface, compatible barcode types etc.

To perform a self-test, see the instructions below:

1. Turn off printer power.
2. Hold down the "FEED" button and turn on printer power at the same time.
3. After 2 seconds let go of "FEED" button.

If successful, the NuPrint™ will generate a receipt with all the information mentioned above.

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PRINTER BUTTON DEFINITIONS

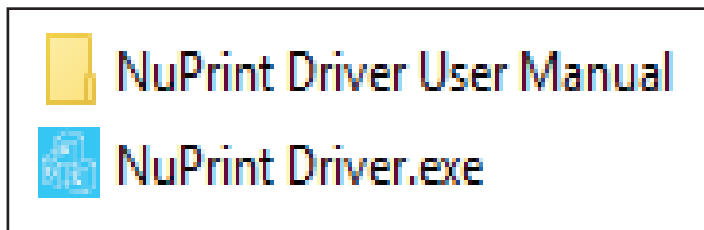
Indicators / Buttons	
Button	Description
Power Indicator	If light is Blue , power cable is connected correctly
Status Indicator Light	When printer is out of paper, or top is open light will turn Red and you will hear a beep
Feed Button	Press To Feed Paper Manually
Power Port	Insert Power cable here to power up printer
Power ON / OFF Switch	Flip Switch to Power On or Off Printer
USB Port	Insert USB cable to connect printer to computer or device to printer
(Optional) RJ12 Port (Cash Drawer)	If you have your own cash drawer, connect the cash drawer's RJ12 cable here for printer / drawer communication

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DRIVER INSTALLATION

1. Open driver files by going into your computer's DVD drive and opening the "NuPrint Driver" folder.

2. Click on the icon (NuPrint™ Driver.exe) to run the driver setup.



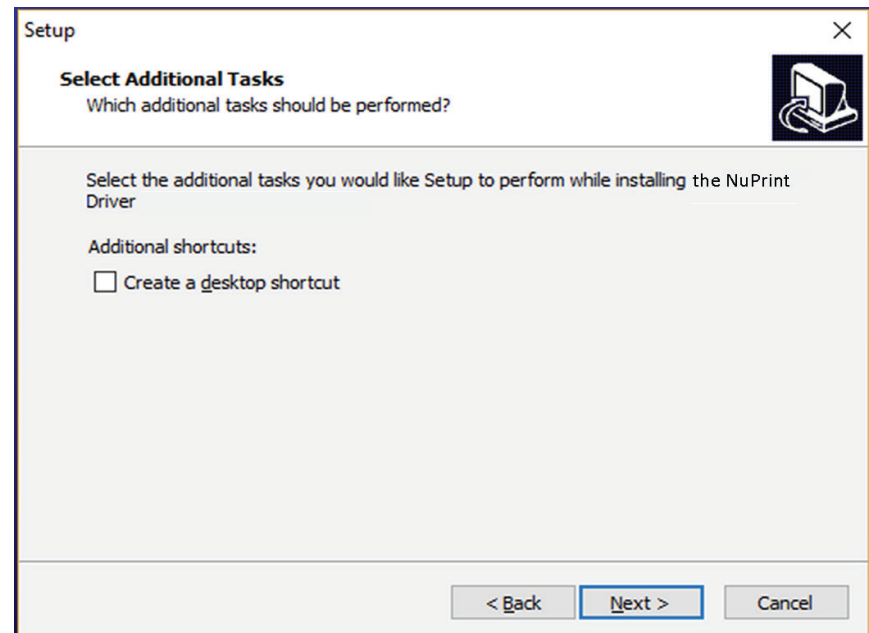
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3. Click on "I accept agreement" and then the "Accept button" to continue.



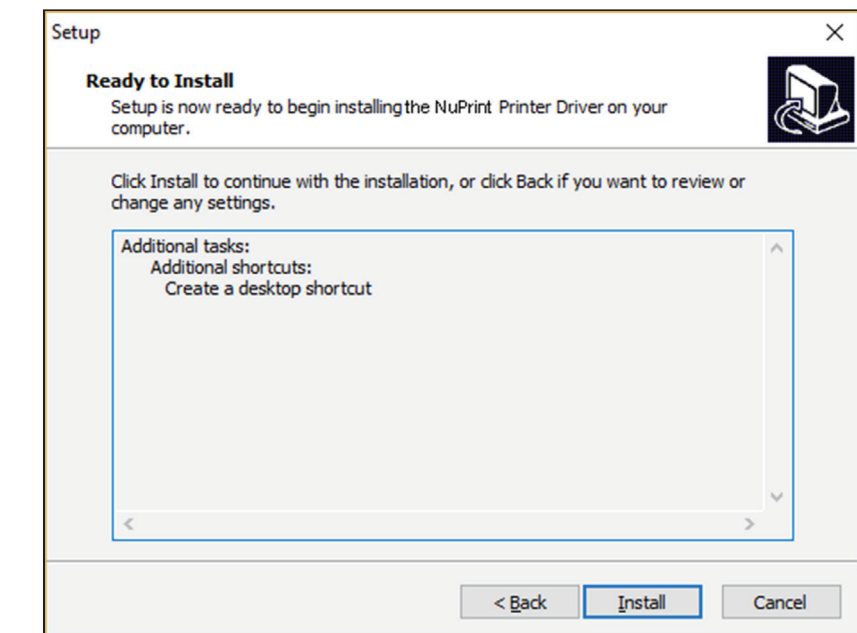
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4. Check the box "Create A Desktop Shortcut" (Optional) and then click "NEXT"



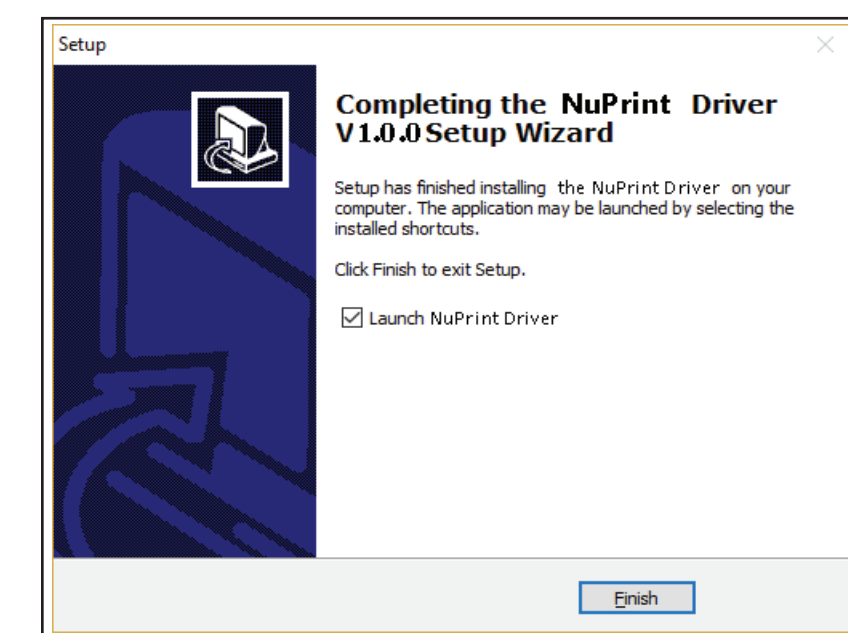
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5. Click the "INSTALL" button to let your computer install the driver files.



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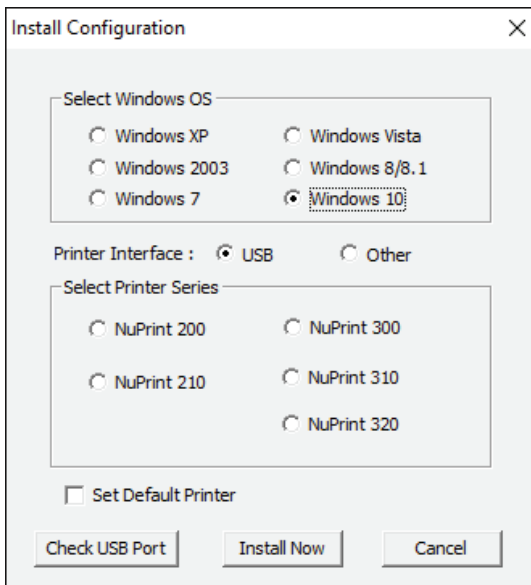
6. Driver installation is complete. Click on "FINISH" to launch the driver settings so you can configure your printer.



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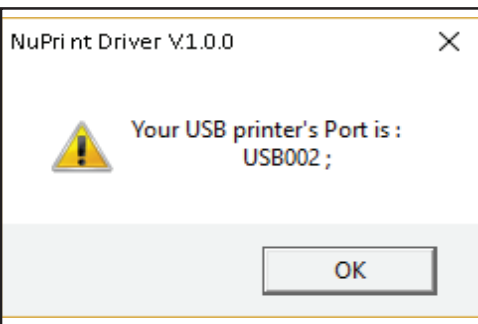
7. Click the version of Windows you are using (XP, Vista, 7, etc.) and select your model printer. (NuPrint™200, 210, etc.)

If you are setting up your printer via USB the driver can automatically detect it. To do this, simply click on the "CHECK USB PORT" button and the driver will detect the exact USB port your printer is plugged into.

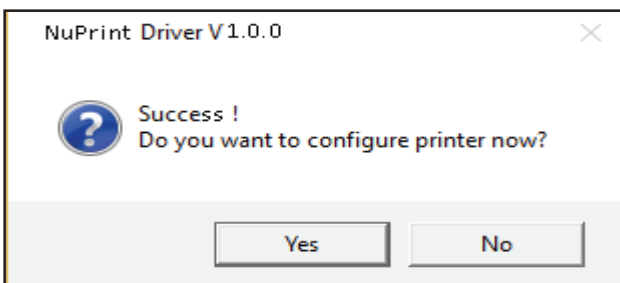


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8. The window below will show up letting you know exactly which USB port your printer is plugged into.

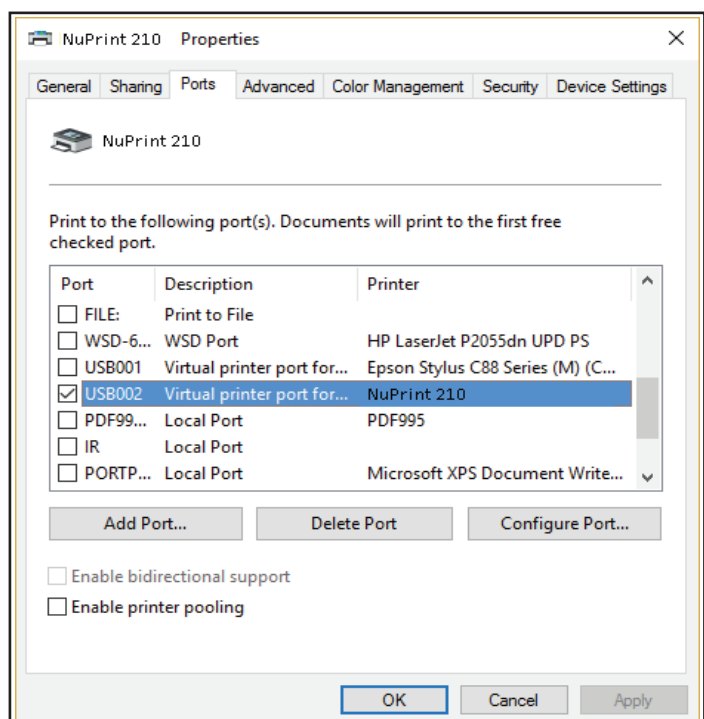


9. Driver installation is now final and you will get a window asking if you would like to configure your printer.



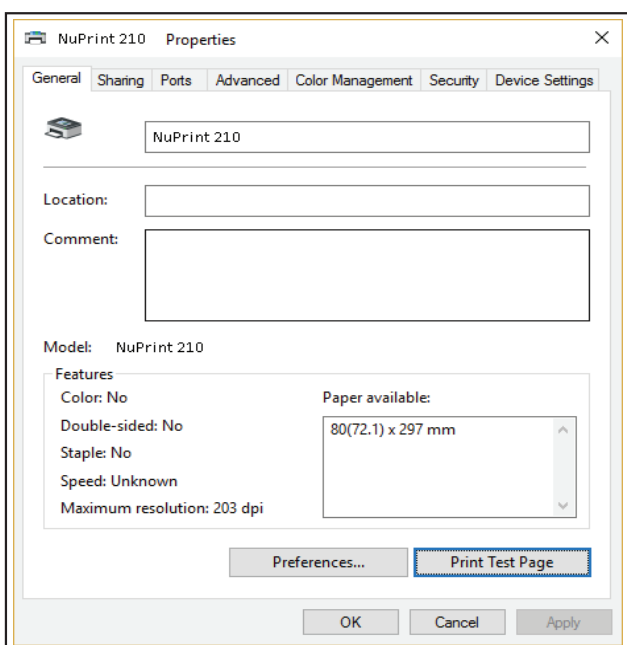
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10. Click YES to enter the NuPrint™210 properties window to assure all is setup correctly and the printer is recognized.



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11. Finally, confirm the printer is communicating with your computer by going under the "General" tab and selecting "Print Test Page." If printer responds, setup is complete.



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PRINTING HEAD MAINTANANCE

If you experience the issues below then you may need to clean or take a look at the printing head.

1. Printing is not clear, it is faint, or blank
2. One or more columns are not aligned, or arent clear
3. Thermal paper feed has become noisy or louder than normal

CLEANING THE PRINTING HEAD

1. To begin cleaning the printing head, remove power cord, open top cover and take out thermal paper roll.
2. Wait until the printing head has cooled down a bit if printer has just been constantly used.

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3. Clean the printing head completely by using a cotton swab dipped in alcohol. (Do not use water)

4. Swab until the alcohol has completely evaporated and soaked into the printing head. (**IMPORTANT**)

5. Insert thermal paper roll and close top cover.

6. Perform a self-test (refer to page 12 of this manual) and see the printer head is clean and / or if this has improved the issues.

1. Please make sure power is OFF and all power adapters are unplugged from printer.
2. Do not touch or scratch printing head surface, roller or sensors.
3. Avoid any strong organic solvents such as gasoline or acetone when cleaning the printing head.

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RESETTING THE PRINTER TO DEFAULT SETTINGS

If you are having issues with the printer responding, connectivity, cutter, or printing head issues, it is also a good idea to reset your NuPrint™210 to its default factory settings.

Follow the instructions below to reset your printer.

1. While printer is turned off, hold down "FEED button."
2. As you are holding down the "FEED button", power back on the printer.
3. Continue to hold down the "FEED" button for about 20 seconds.
4. You will hear a long beep if printer reset has been successful.

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