

PR5300 Quick Installation Guide

Jan 2003 v1.1

Thank you for purchasing a Nisca Printer! You are about to explore the most reliable ID Card Printers in the market. This guide will explain the ease of use and maintenance of the Nisca PR5300.



This Guide is not designed to replace the Operation Manual. For more information on the printer and its features and settings, please refer to the Operation Manual included with your printer. It is important that you read the Operation Manual to ensure that you use this printer safely.

In order for TEAMNisca to properly support your product through its life cycle, we ask that you complete the Warranty Registration Card included with your printer or visit our website: www.teamnisca.com and register online.

A printer to PC interface cable is not a standard accessory. Some Nisca VARs and Resellers may include it with your printer.

Carton Components:

- Power Supply Cord
- Card Weight
- YMCKO Ink Ribbon
- Driver CD ROM
- Empty Bobbin for Ink Ribbon
- Eject Card Box
- Manual
- Warranty Registration Card

Step 1: Remove Packing Material

Remove printer and carton components from the packing box. Please be sure to remove all packing bubble wrap from the ribbon cassette unit.

Lift the Cartridge Retaining Lever to remove the ribbon cassette, then open and remove the bubble wrap.



Bubble Wrap

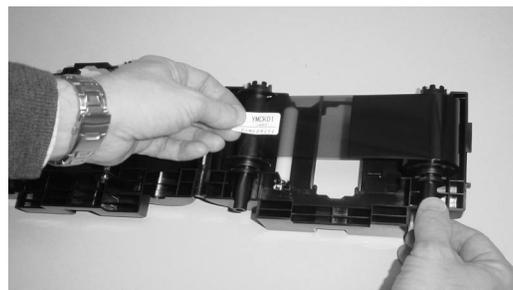
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Step 2: Load Ink Ribbon

Remove YMCKO ribbon from plastic wrapper and attach to empty ribbon bobbin supplied. Install ribbon in cassette unit.



Step 3: Connect Printer Cable

Attach the interface cable to the PC. If you are using a laminator/heat roller, attach the unit's cable to the printer's option port.



Parallel Interface
Laminator Option Port

Power Cord (auto-switch 100/200)



SCSI Port 1 and 2
Laminator Option Port

Power Cord (auto-switch 100/200)

Step 4: Install Driver

Install the printer drivers from the CD-ROM or by downloading the latest driver from www.teamnisca.com. Drivers are installed by double clicking on the .exe file from the CD-ROM or by selecting Start > Run in the Windows software. After drivers' installation is complete, restart your computer with the printer attached. Now you can print by selecting the Nisca PR5300 Printer from your application's printer setup. The target ID for a SCSI printer should be SCSI4. The target ID for a parallel printer should be LTP1.

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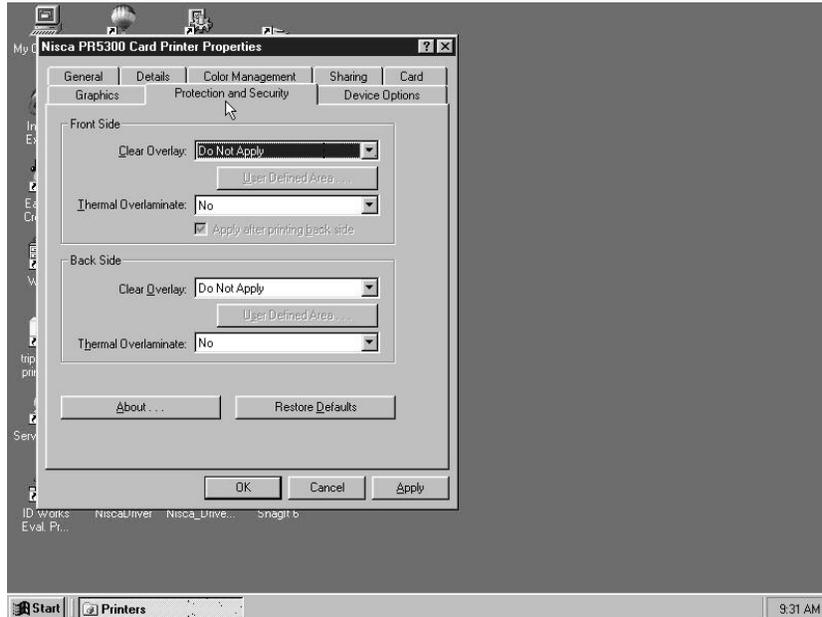
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Step 5: Driver Features

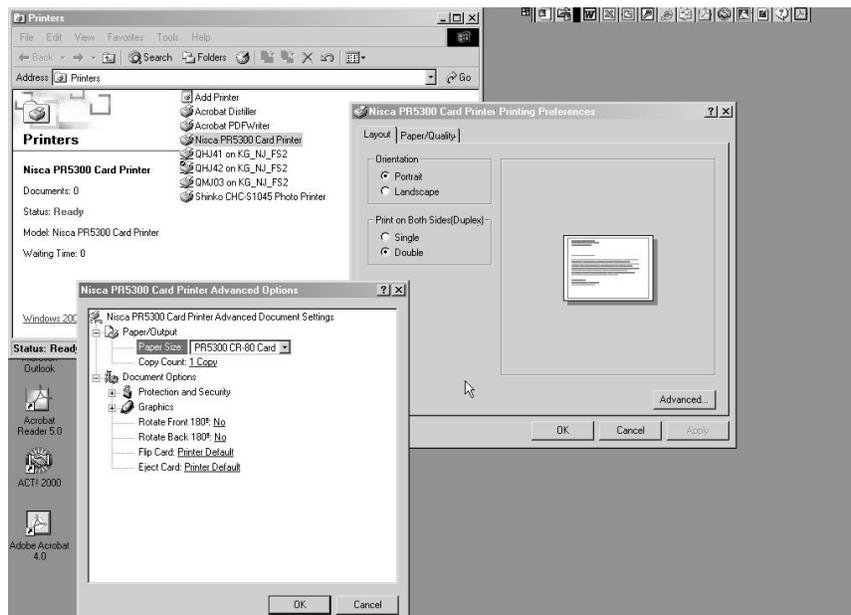
Driver Features / Windows 95/98/ME:

In Windows 95/98/ME, driver features can be viewed and selected by right clicking on the PR5300 Printer icon in the Windows Printers screen and selecting "Properties".



Driver Features Windows NT/2000/XP

In Windows NT/2000/XP, driver features can be viewed and selected by right clicking on the PR5300 Printer icon in the Windows Printers screen and selecting "Printing Preferences" then the "Advanced" tab.



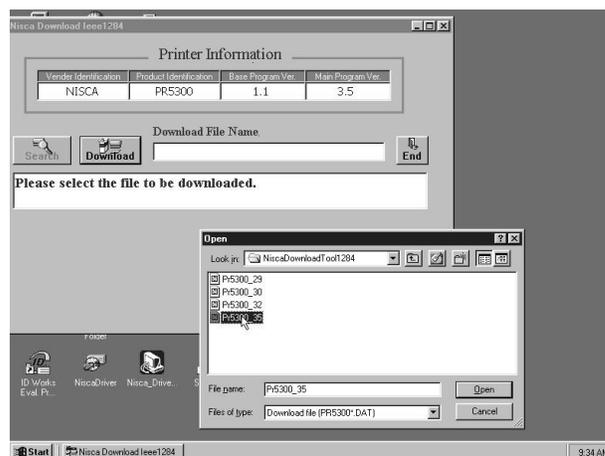
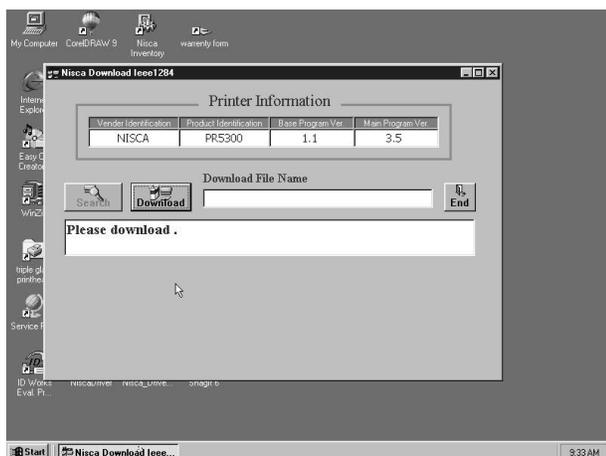
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Maintenance 1: Firmware Upgrade

The Nisca PR5300 offers flashable firmware updates. It is important that you periodically download the most recent firmware from www.teamnisca.com and update your printer. In order to do this you will need to download a "Download Utility" and firmware from www.teamnisca.com. Choose the appropriate files based on your interface and your operating system. To install, double click on the .exe file and follow the menu. To flash the firmware click the "Search" key to locate your printer, then click the "Download" key and browse for the firmware you have previously saved from the [teamnisca.com](http://www.teamnisca.com) website.



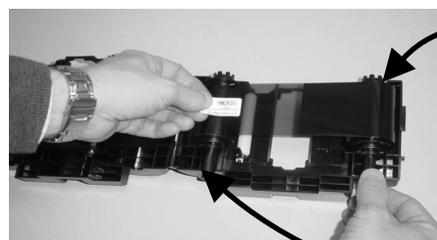
Maintenance 2: Ink Ribbon Change

While the printer is **ON**, press the "Ribbon Change / Menu" button on the printer. This will retract the print head, so you can remove the ribbon cassette. After you have heard the print head motor retract the print head, the LCD will display "Removable Ribbon" now you may remove the ribbon cassette as shown below.

"Ribbon Change/Menu" Button



"Cartridge Retaining Lever"



Full Ribbon

Empty Bobbin

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Maintenance 3: Cleaning

Regular cleaning of your printer is critical to maintain ideal printing performance.

Cleaning:

- Input Rollers
- Card Transport Rollers
- Print Roller
- Supply Roller
- Print Head

Schedule:

- 2,000 prints
- 10,000 prints
- 10,000 prints
- 10,000 prints
- 2,000 prints

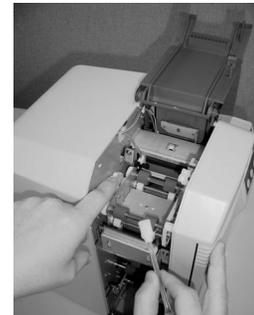
Cleaning Tool

- Alcohol Swab
- Alcohol Swab
- Alcohol Swab
- Alcohol Swab
- Alcohol Pen

Input Rollers:



Card Transport Rollers:



Print Rollers



Supply Roller



Print Head



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Common Error Codes and Fixes:

Code:

Ribbon Type Incorrect
Ribbon Windup Miss
Card Jam Feeder Area

Nisca Print Spooler Error

Solutions:

Set printer for your ribbon type e.g. YMCKO, YMCKOK, YMC, ect.
Check ribbon, check broken ribbon bobbin, clean transport rollers
Check card gate to be sure it is set to feed only one card. Be sure you are using the supplied card weight
Be sure the "Enable bidirectional support" is activated.

Changing Printer's User Mode Settings:

The Nisca User Mode setting allows you to view and/or change the following:

- Card Count
- Total Count
- Color Adjustment
- Ribbon Type
- ROM Version
- SCSI ID
- Encoder settings
- Printer Status

You can gain access into the User Mode by pressing and holding the "Menu" key for 10 seconds. After you gain access you can move from setting to setting by use of the "Menu" key. You can change setting by use of the "EXE" key.

Replacement Parts and Consumables:

Replacement parts:	Part number:	Number of prints:
Input Roller	PR5300K166	40,000
Print Head	PR5300HED	20,000
Consumables:	Part number	Number of prints:
YMCKO Ribbon	YMCKO1	250 (one sided - color)
YMCKOK Ribbon	YMCKOK	210 (one side color - one side black)
Cleaning Kits	CLEANKIT	10,000

Optional Components:

MagStripe Encoder	PR5301ISOH
Laminator Hardcoat (1mil)	PR5302A
Laminator Softcoat (.5mil)	PR5302D

Contact Information:

Sales:	732-271-7367
Sales email:	info@teamnisca.com
Technical Support:	732-271-7328
Tech Support email:	techsupport@teamnisca.com
Website:	www.teamnisca.com

