Direct Card Printer Driver Installation





TEAMNisca, A Division of Kanematsu USA, Inc. 100 Randolph Road, Somerset, NJ 08873

Copyright © 2005, Kanematsu USA. Inc. All rights reserved.

TEAMNisca® and the TEAMNisca® logo are a registered trademark of Kanematsu USA, Inc. Microsoft® and Windows® are U.S. trademarks of Microsoft Corporation. Names of products mentioned herein are used for identification purposes only and may be trademarks and/or trademarks of their respective companies.

Table of Contents

Section 1: Printer Driver	
1.1 Printer Driver Installation	3
1.1.1 Windows® 2000/Windows® XP USB Installation	3
1.1.2 Windows® 2000/Windows® XP Parallel Installation	6
1.1.3 Windows® 2000/Windows® XP SCSI Installation	9
1.2 Printing a Test Card	
1.2.1 Windows® 2000/Windows® XP	13
Section 2: Using the Printer	
2.1 Configuring Printer Preferences	15
2.1.1 Windows® 2000/Windows® XP	15
2.2 Printer Options Tab	16
2.3 Security Tab	17
2.4 About Tab	17

SECTION

1.

Printer Driver

1.1 Printer Driver Installation

Vote Close all applications before installing the driver. To install the driver under Windows® 2000 and Windows® XP, you must have Administrator privileges.

The PR53xx series printer comes with different printer drivers for the Microsoft operating systems. The printer driver is located on the installation CD that was included with your printer. Insert the CD into your computer's CD drive. The CD should automatically open and prompt you to install the driver. If for any reason the CD does not automatically run, follow these steps:

1.1.1 Windows® 2000 / Windows® XP USB Installation for the PR5300

- 1. Insert the Nisca installation CD into your computer's CD drive.
- 2. Use *My Computer* or *Windows Explorer* to view the contents of the CD. Windows Explorer can be opened by right clicking on Start, Explore.
- 3. Double click on the Nisca_USB_XXX.exe file where XXX represents the driver version number. This file is a self-extracting WinZip archive and extracts the files to the C:\Program Files\Nisca\PR5300 USB Printer\Inf folder.
- 4. Connect the USB cable to the PR5300 and plug the other end of the cable into a USB port on your PC. Power on the PR5300 and after a short delay, the Found New Hardware displays. Do not have Windows connect to Windows Update to search for software.

Found New Hardware Wizard		
	Welcome to the Found New Hardware Wizard	
	Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). <u>Read our privacy policy</u>	
	Can Windows connect to Windows Update to search for software?	
	 Yes, this time only Yes, now and every time I connect a device No, not this time 	
	Click Next to continue.	
	< Back Next > Cancel	



- 6. Select Install from a list or specific location (Advanced).
- 7. Click Next.

Hardware Update Wizard			
Please choose your search and installation options.			
Search for the best driver in these locations.			
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.			
Search removable media (floppy, CD-ROM)			
✓ Include this location in the search:			
C:\Program Files\Nisca\PR5300 USB Printer\Inf 🛛 Browse			
O Don't search. I will choose the driver to install.			
Choose this option to select the device driver from a list. Windows does not guarantee that			
< Back Next > Cancel			

8. Enable the checkbox for Include this location in the search. Click Browse to navigate to the C:\Program Files\Nisca\PR5300 USB Printer\Inf subdirectory.

✓ Note If a Windows[®] XP logo testing warning message appears, click *Continue Anyway* to proceed. Nisca has extensively tested this software with Windows[®] XP and has found no incompatibilities.



Nisca PR5300 USB Printer Setup		
License Agreement T Please read the following license agreement carefully.	EAM O	
Press the PAGE DOWN key to see the rest of the agreement.		
End-User License Agreement	<u>_</u>	
This End-User License Agreement ("EULA") is a legal agreement for the Software Product in which this EULA is contained, which includes computer software and may include associated media, printed materials, and "online" or electronic documentation (collectively the "Software Product"), between you and TAB Software Corp. ("TAB"). By installing, copying, or otherwise using the Software Product, you agree to be bound by the terms of this EULA. You must indicate your agreement to be bound by the terms of this EULA by pressing the "I accept the terms in the license agreement" button on the Software Product's installation program, or else you will not be able to install the		
Do you accept all the terms of the preceding License Agreement? If you choose will close. To install the Nisca print drivers, you must accept this agreement.	No, the setup	
< Back Yes	No	

11. Read the license agreement and click **Yes** to accept the terms of the license agreement. If you decline, you cannot install the driver.

Nisca PR	5300 USB Printer Setup			
Verify In: Reviev	stallation Operations settings before copying files.			
Enough information has been collected to perform the setup operation. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin the setup operation.				
	Copy files and create the following printer connections.			
	Nisca PR5300 USB Printer (ID4) on NUSB4			
	< Back Next >	Cancel		

12. Verify installation operation. Click Next.

Nisca PR5300 USB Printer Setup	
Setup Wizard Complete	TEAM O
The Setup Wizard has successfully installed the Nisca print driv wizard.	ers. Click Finish to exit the
< Back	Finish Cancel

13. Click Finish to complete the printer driver installation

1.1.2 Windows® 2000 / Windows® XP Parallel Port Installation

- 1. Insert the Nisca installation CD in your computer's CD drive.
- 2. On the **Start** menu, click **Run**.
- 3. Type *d*:*setup*, where *d* is the letter assigned to your CD drive.
- 4. Click OK.

The printer driver Setup starts and guides you through printer driver installation.



Nisca PR5300 Printer Setup		
License Agreement Please read the following license agreement o	arefully.	TEAM O
Press the PAGE DOWN key to see the	e rest of the agreement.	
NOTICE: TAB Software licenses the accompanying so you accept all of the terms contained in this li carefully before continuing installation, as pre assent to them. If you do not agree to these install as TAB Software is unwilling to license should return the full product to the dealer fro purchase, and you money will be refunded. LICENSE AND WARRANTY: The software that accompanies this license (I	itware to you only upon the c cense agreement. Please re- ssing the "Yes" button will inc terms, please press the "No" the software to you, in which m whom it was acquired within the "Software") is the property	ondition that ad the terms dicate your button to exit event you n sixty days of
Do you accept all the terms of the preceding License Agreement? If you choose No, the setup will close. To install Nisca PR5300 printer, you must accept this agreement.		
	< Back Yes	No

- 2. Read the license agreement and click **Yes** if you accept the terms of the license agreement. If you decline, you cannot install the driver.
- 3. Click Next.

Nisca PR5300 Printer Setup		_ 🗆 🗵
Select Printer Options Select the printer options you want to install.	ł	TISCA
Select the components you want to install, cl PR5300 printer on LPT1: n	ear the components you do not w amed Nisca PR5300 Card Printe	ant to install. r
Installation Method Standard installation Create new printer connections with Copy new files without changing print	out copying files ter connections	tect ECP
	< Back Next >	Cancel

- 4. Verify the printer port and name.
- 5. Click on the Detect ECP button and review the message that is displayed. Most new computers have the parallel port set to ECP (enhanced capability port). If the message is "Your computer is configured to support ECP printing", continue on with the installation. If you receive any other message, you should verify your computer's parallel port is configured for ECP communication by reviewing the settings in your computer's BIOS menu. The printer driver can still be installed even though your computer may not support ECP mode. Refer to Setting your Parallel Port to ECP mode in the Troubleshooting chapter.

✓ **Note** If your computer's parallel port is not set to ECP, you will experience slower print speeds. ECP is not available in Windows NT[®].

Nisca PR5300 Printer Setup				
Start Copying Files Review settings before copying files.	TEAM C			
Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.				
Components 1 o Install:				
PR5300 printer on LPT1: named Nisca PR5300 Card Printer Standard installation.				
< Back Next >	Cancel			

- 7. Verify the components to install.
- 8. Click Next.
- 9. The setup application will now install and configure the printer driver.

Nisca PR5300 Printer Setup		
Setup Wizard Complete		TEAM O TISCA
The Setup Wizard has successfully wizard.	installed the Nisca PR5300 prin	iter. Click Finish to exit the
	< Back	Finish Cancel

- 10. Click **Finish** to complete the printer driver installation.
- 11. After installation, you may receive a prompt instructing you to restart your computer. Click Yes, I want to restart my computer now for the updates to take effect.

1.1.3 Windows® 2000 / Windows® XP SCSI Interface Installation

- 1. Insert the Nisca installation CD in your computer's CD drive.
- 2. On the **Start** menu, click **Run**.
- 3. Type d:\setup, where d is the letter assigned to your CD drive.

4. Click OK.

The printer driver Setup starts and guides you through printer driver installation.



Nisca Print Driver Setup	_ I ×		
License Agreement Please read the following license agreement carefully.	TEAM O		
Press the PAGE DOWN key to see the rest of the agreement.			
NOTICE: TAB Software licenses the accompanying software to you only upon the condition that you accept all of the terms contained in this license agreement. Please read the terms carefully before continuing installation, as pressing the "Yes" button will indicate your assent to them. If you do not agree to these terms, please press the "No" button to exit install as TAB Software is unwilling to license the software to you, in which event you should return the full product to the dealer from whom it was acquired within sixty days of purchase, and you money will be refunded.			
LICENSE AND WARRANTY: The software that accompanies this license (the "Software") is the property	of TAB 👤		
Do you accept all the terms of the preceding License Agreement? If you choose No, the setup will close. To install Nisca print drivers, you must accept this agreement.			
< Back Yes	No No		

2. Read the license agreement and click **Yes** if you accept the terms of the license agreement. If you decline, you cannot install the driver.

Nisca Print Driver Setup Registration Informatior Enter your registration info	• (Page 1) ormation for product warranty	
Company: Contact: Business Telephone: Address 1: Address 2: City: Country:	Image: State Province: Image: State Province: Image: State Code:	
	< Back Next >	Cancel

- 3. Enter your customer information.
- 4. Click Next.

Nisca Print Driver Setup	
Registration Information (Page 2) Enter your registration information for product warranty	
Printer Serial Number:	
< Back Net	xt > Cancel

5. Enter the registration information for product warranty.



The setup application should automatically detect the PR53xx series printer.

- 7. If for any reason Setup was unable to detect your SCSI printer, you may manually recheck the connection by clicking the Auto Detect button. If the printer is not detected, verify the cable connections and proper setting of the termination switch on the back of the printer. If the PR53xx series printer is the last device on the SCSI bus, the termination switch must be set to ON. The printer driver may still be installed even though the printer was not detected. To continue setup, click on the PR53xx checkbox and verify the port is set to SCSI4.
- 8. Click Next.
- 9. Verify the components to install.

Nisca Print	Driver Setup			
Start Co Review	pying Files v settings before copying files.		ì	TISCA
Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.				
Components To Install: PR5300 printer on SCSI: named Nisca PR5300 Card Printer Standard installation.				
		(Deal)	Marias	Conset
		K Back	INEX(>	Lancei

- 11. The setup application will now install and configure the printer driver.
- 12. Click **Finish** to complete the printer driver installation.



13. After installation, you may receive a prompt instructing you to restart your computer. Click Yes, I want to restart my computer now for the updates to take effect.

1.2 Printing a Test Card

A sample application is included with the installation of the printer driver. To print a sample card, refer to the following steps:

1.2.1 Windows® 2000 / Windows® XP

- 1. Turn on the power to the printer. Be sure the green LED on the LCD panel is lit and the LCD display shows normal mode.
- 2. Confirm that all supplies are loaded.
- 3. Click Start \rightarrow Programs \rightarrow Nisca PR5300 series printer \rightarrow Nisca ID.

4. The sample application will load.

Nisca ID Version 4.08	
Senal Number: 00000001	
Reference ID0eta.cpp for most printing logic • Demonstrating functionality of Nisce Print Drivers •	

5. Select File \rightarrow Print.

Print		<u>? ×</u>
Printer		
Name:	Nisca PR5300 Card Printer	Properties
Status:	пеаду	
Туре:	Nisca PR5300 Parallel Printer	
Where:	LPT1:	
Comment:		Print to file
Print range		Copies
• Al		Number of copies: 1
C Pages	from: 1 to: 2	
C Select	ion	
		OK Cancel

- 6. Select the Nisca printer you would like to use to print the sample.
- 7. Click **OK** to print the sample card.

SECTION

2.

Using the Printer

2.1 Configuring Printer Preferences

The PR53xx series printer can be used with any Windows® software application. Settings that control the printing and personalization of the card are found under Printing Preferences. These settings include:

爹 Nisca PR5300 Card Printer Printing Preferences	? ×
Options Security About	
 Nisca PR5300 Card Printer Settings Orientation: Portrait Print on Both Sides (Duplex): <u>Single</u> Copies: <u>1</u> Paper Size: <u>PR5300 CR-80 Card</u> Default System Setting: <u>Automatically Select</u> Graphics (YMCK) Overlay and Laminate Ultraviolet Rotate Front 180°: <u>No</u> Rotate Back 180°: <u>No</u> Flip Card: <u>Printer Default</u> Eject Card: <u>Printer Default</u> 	
OK Cancel Apply	

To open the printer driver Printing Preferences, please refer to the following steps:

2.1.1 Windows® 2000 / Windows® XP

- 1. Click on the Start button, point to Settings, and select Printers.
- 2. Click on the Nisca PR53xx card printer with the right mouse button, and select "Printing Preferences...".

3. Change the settings desired for your application.

2.2 Printer Options Tab

Orientation

 Select either Portrait or Landscape. Selecting Portrait causes the card to print in the vertical orientation. Selecting Landscape causes the card to print in a horizontal orientation. An icon illustrating a printed card helps represent the difference between the two.

Print on Both Sides

Select this option to enable printing on the front and back side of the card.

Copies

Specifies the number of copies to be printed.

Paper Size (Card Size)

Select the card size currently loaded in the printer.

Graphics (YMCK)

 Specifies the color mode and ribbon panels used for printing. Available options include Monochrome Using Resin Black, Grayscale Using YMC, or Color With Selective Resin Black. For further control, select the desired color mode and click Settings.

Overlay and Laminate

- Clear Overlay (Varnish): Thin clear overlay panel represented by the O on a ribbon, for example, YMCKO.
- Thermal Overlaminate: A thicker protective layer applied by the attached Heat Roller Unit. The optional Heat Roller Unit can apply a thin film roll that can contain holographic images for providing a level of card durability and security.
- Apply Overlaminate Last: Overlaminate should be applied last to reduce the risk of card jams caused by curled cards being pulled back into the printer.

Ultraviolet

- Color Mask: If the ribbon contains an ultraviolet panel, you may specify how the printer driver applies the mask to the front and back side of the card. The color mask option instructs the driver to look for the specified mask color and apply as the UV ribbon panel. If the mask color is magenta, the driver will pull all magenta from the card and pass it to the UV panel.
- Monochrome Bitmap Graphic: This option applies a centered or tiled overlay using a monochrome bitmap graphic. For file selection and placement of the image, click on Settings.

Rotate Front/Back 180°

This option allows the image to be rotated 180° on the front and back of the card before printing. This option is often used to change the position of the printed image in relation to the set location of a card's magnetic stripe.

Flip Card

If an external module is inserted at the beginning of the print chain, the driver can force a particular side up on entry.

Eject Card

If an external unit is attached to the end of the print chain, the driver can force a particular side up on exit.

2.3 Security Tab

To enable printing security information on each card, select this option. You may enter any information desired in the User 1 and User 2 fields. You may also change font attributes and print location using the options in the Attributes group.

Nisca PR5300 Card Printer Print	ing Preferences		
Change Password	<u></u>		
Enable printing security informatio	n on each card		
 Print Date Print Time Printer Model Number 	User 1: User 2:		
Printer Serial Number (if available in firmware)			
Location: Front - Bottom Left			
Print text using: YMC Panels	Background: Do not clear background		
Color:	Color:		
01	Cancel Apply		

2.4 About Tab

The about tab displays copyright and version information about this printer driver.