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Instruction Manual

Direct Dye Sublimation Printer DCP360i

Printer Driver

Operating System

The software operates in the following environment.

Microsoft Windows XP

Microsoft Windows 2000 Professional
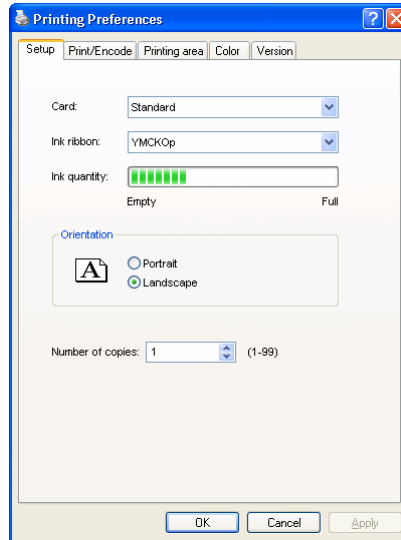
1st Edition, Apr. 2005

Contents

Notes about this manual

    (1) This manual may not be reprinted in any way without permission.

    (2) The contents of this manual, as well as the specifications and design of this product, may change without notice.

    (3) The illustrations used in this manual may differ slightly from the actual product.

    (4) Microsoft, Windows is a registered trademark of Microsoft Corporation U.S.A. in United States of America and other countries. In this book, the names for Microsoft® Windows® XP operating system and Microsoft® Windows® 2000 operating system are written as WindowsXP and Windows2000 respectively.
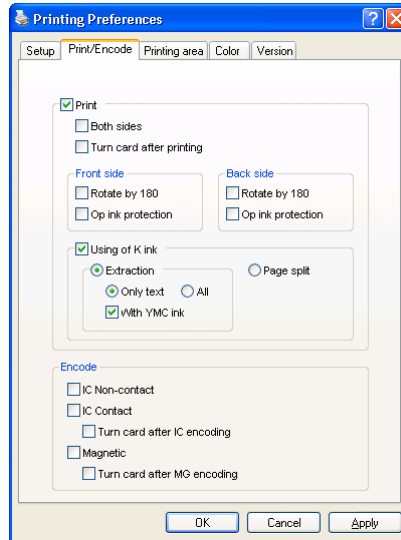
Printer Driver Settings

[Setup]　Tab Sheet

Item	Description
Card	Specify the card to use.
Ink ribbon	Specify the ink ribbon to use. The ink ribbon set inside the printer will be automatically selected if communication with the printer is possible.
Ink quantity	Indicates the remaining quantity of the ink ribbon. This is not displayed when communication with the printer is not established.
Orientation Portrait Landscape	Specify the printing orientation. : Vertical (Print with the short edge of the card at the top.) : Horizontal (Print with the long edge of the card at the top.)
Number of copies	Enter the number of copies to print. (Input a numerical value between 1 to 99.)

Printer Driver Settings (continued)

[Print/Encode] Tab Sheet

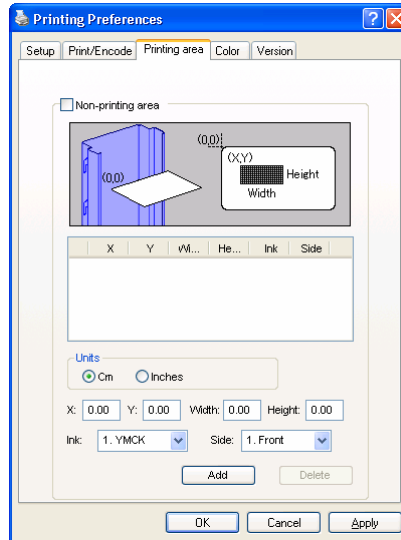| Item	Description
Print	For executing printing.
Both sides	Print on both sides of the card.
Turn card after printing	Reverse the card upon printing.
Rotate by 180 [Front/Back side]	Print the card upside down.
Op ink protection [Front/Back side]	Print OP ink to protect printing surface. 　　Set using the [Printing area] tab if there are some areas for which 　　OP ink is not to be printed. (Refer to page 6)
Using of K ink 　Extraction 　　Only text 　　All 　　With YMC ink 　Page split	Use K ink. 　: Specify the black color element for printing with K ink. 　: Use K ink to print black text only. 　: Use K ink to print all black color elements. 　: Use also YMC ink to print specified black color elements. 　: Print first page (odd pages) using YMC ink and second page 　　(even pages) using K ink.

(Continued)

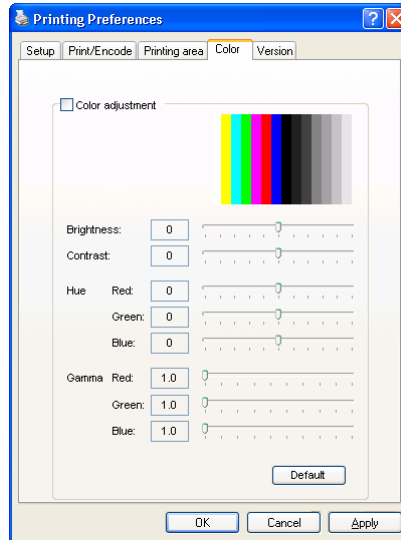| Item	Description
Encode	Encode Settings
IC Non-contact	: Encode non-contact IC.
IC Contact	: Encode contact IC.
Turn card after IC…	: Reverse card upon IC encoding.
Magnetic	: Perform magnetic encoding.
Turn card after MG…	: Reverse card upon IC magnetic encoding.
	Only the unit installed within the printer is displayed as enabled when communication with the printer is established.

Printer Driver Settings (continued)

[Printing area]   Tab Sheet

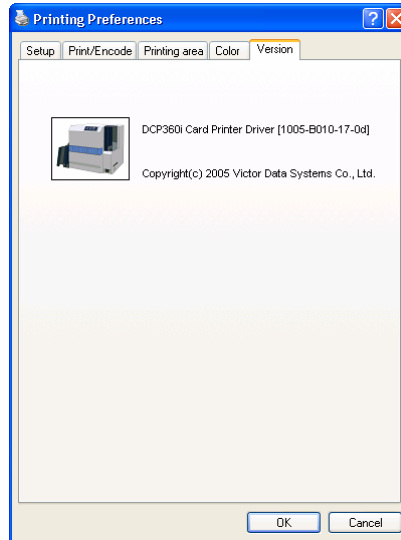| Item	Description
Non-printing area	For disabling printing within a registered rectangular region.
	This rectangular region is named the "non-printing area".
	Details on the registered "non-printing area" will be displayed on a list.
Unit	Specify the unit.
cm	: centimeters
inch	: inches
X	Enter the X-coordinate for the starting point of the "non-printing area".
Y	Enter the Y-coordinate for the starting point of the "non-printing area".
Width	Enter the width of the "non-printing area".
Height	Enter the height of the "non-printing area".
Ink	Specify the ink inside the ink ribbon for which "non-printing area" is to be enabled.
Side	Specify the side of the card for which "non-printing area" is to be enabled.
Add	Register input data as a "non-printing area".
	Up to 8 areas can be registered.
Delete	Delete a "non-printing area" from the list.

Printer Driver Settings (continued)

[Color]　Tab Sheet

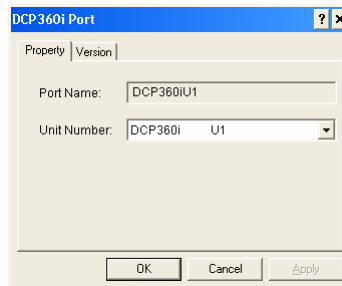| Item	Description
Color adjustment	For adjusting the colors.
Brightness	Set the color brightness.
Contrast	Set the color contrast.
Hue [Red/Green/Blue]	Set hue values (Red/Green/Blue).
Gamma [Red/Green/Blue]	Set gamma correction values (Red/Green/Blue).
Default	Restore to default settings.

Printer Driver Settings (continued)

[Version]   Tab Sheet

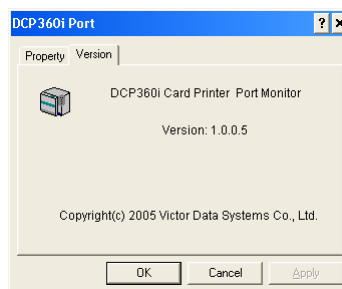| Item	Description
DCP360i Card …	Displays the version information. DCP360i Card Printer Driver [nnnn-xxxx-yy-zz] nnnn : Version of printer driver xxxx : Version of firmware yy　 : Version of Config zz　 : Version of Table 　Version information for the firmware, Config and Table will appear as '0' when communication with the printer is not established.
Copyright(c) ...	Displays the copyright information.

Port Monitor Settings

[Property]   Tab Sheet

Item	Description
Port Name	Enter the port name. (Up to 24 single-byte characters)
Unit Number	Specify the unit number of the printer in use. Settings are incorrect when the following messages are displayed.

Message	Description
No Device	Unable to find the printer.
No Selection	Unit number of the printer connected is different from the previous connection.

[Version]   Tab Sheet

Item	Description
DCP360i Card …	Displays the version and copyright information.

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Port Monitor Settings (continued)

Error Code List

No.	Error Code	Description
1	0x01020401	The printer is initialization in progress.
2	0x01020480	Printer door is open.
3	0x01020481	Cleaning roller is not installed.
4	0x01023A00	No card.
5	0x0102****	The printer is warming up.
6	0x01033600	Ink ribbon is not installed or cannot be recognized.
7	0x01033B81	Card jam occurred during card feed.
8	0x01033B**	Card jam occurred during card feed or card transfer.
9	0x0103****	Media error detected.
10	0x01043681	Ink ribbon is not installed or faulty.
11	0x0104****	Hardware error detected.
12	0x01052080	IC encoder is not installed.
13	0x01052081	Magnetic encoder is not installed.
14	0x01420081	Remaining ink ribbon level is 0.
15	0x01420082	Remaining laminating film level is 0.
16	0x02******	Unable to find the printer.
17	0x0105**** 0x010B**** 0x09******	Command error detected.
18	0x01030C00 0x10000103	Writing of magnetic encoding data failed.
19	0x10000201	Unable to find contact IC encoding program.
20	0x10000202	Unable to establish communication with contact IC encoder.
21	0x10000203	Writing of contact IC encoding data failed.
22	0x10000301	Unable to find non-contact IC encoding program.
23	0x10000302	Unable to establish communication with non-contact IC encoder.
24	0x10000303	Writing of non-contact IC encoding data failed.

FAQ

Q Ink ribbon settings are automatically restored to their default settings upon changing.

A Ink ribbon set inside the printer is automatically selected.

[**Important**]   When the printer is connected locally, there is no need to perform ink ribbon setting.

Q Remaining ink ribbon level is not displayed.

A The printer may not be properly connected. Check the connection and power supply of the printer.

[**Note**]   When the printer is connected to the network, information on remaining ink ribbon level cannot be acquired from a client PC.

Q Cards are discharged without being printed.

A The [Print] check box in the [Print/Encode] tab is not selected. Select the [Print] check box. (Refer to page 4.)

Q How do I print black color with K ink?

A Select the [Using of K ink] in the [Print/Encode] tab. (Refer to page 4.)

Q How do I perform magnetic/IC encoding?

A A special application is required. For more details, please inquire to the dealer.

Q How do I print Op ink on partial areas instead of the entire card?

A Set the area for which Op ink is not to be printed in the [Printing area] tab. (Refer to page 6.)

Q Values for firmware, config and table versions are displayed as '0'.

A The printer may not be properly connected. Check the connection and power supply of the printer.

[**Note**]   Version information cannot be acquired from a client PC when the printer is connected to the network.

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