DNP
Dai Nippon Printing Co.,Ltd.

UV Printing @ CX-330

<Conditions>
1. Check YMCKUV Ink Ribbon installed
2. Set "6. YMCK+UV" at Print mode at Printer Driver

Choose YMCK+UV here.

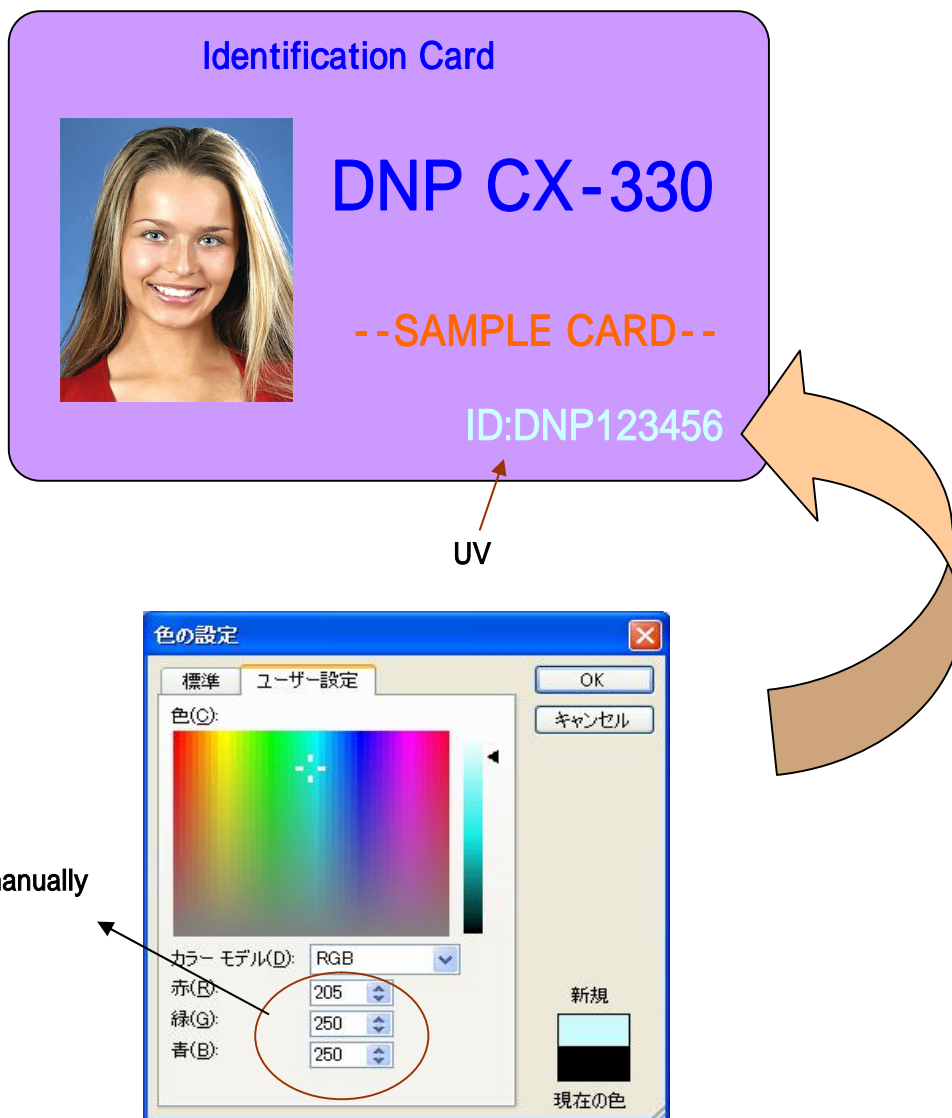**Click here to go to UV Ink dialog.**
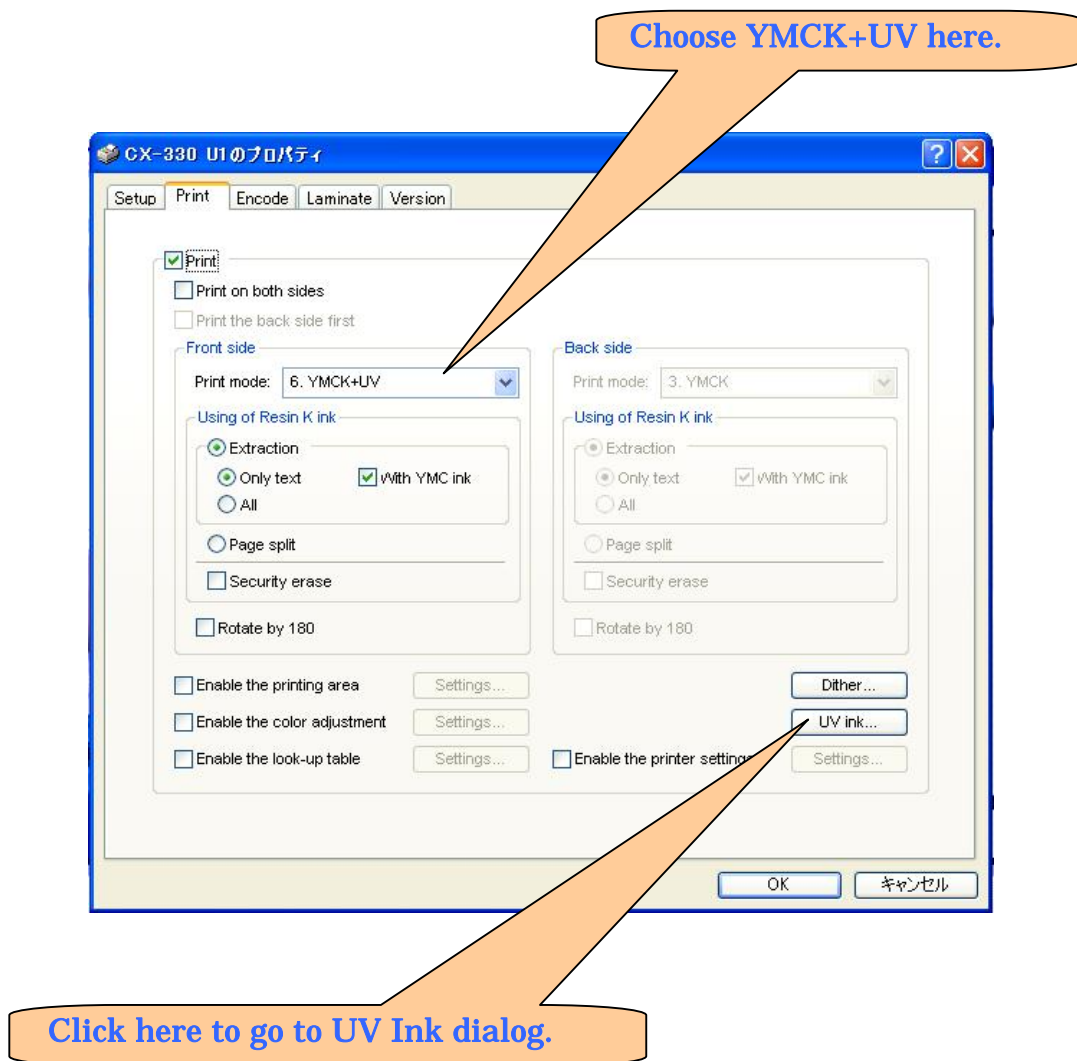
1. TEXT UV Printing

The text printed by UV must be input in a printing image when you design it.

- On condition that you like to print "ID:DNP123456" only by UV Ink,
1) Put the text at preferable position
2) Make the text's color specific by adjusting RGB value
 (different one from the other texts)
In case of below image, the color of "ID:DNP123456" is combinated by
R:205 G:250 B:250

Identification Card

DNP CX-330

--SAMPLE CARD--

ID:DNP123456

UV

adjust manually

色の設定

標準　ユーザー設定

色(C):

カラー モデル(D): RGB
赤(R): 205
緑(G): 250
青(B): 250

OK
キャンセル

新規

現在の色

<CAUTION>
Both text and image is printed by UV panel after converted to grayscale data.
Therefore, the closer to white the color is, the clearer UV image appears.
　　High-intensity color like green is appropriate for UV printing.
　　Dark color like black is NOT appropriate for UV printing.
　　100%white is not available for UV printing because it cannot be distinguish
with the background. (100%white: R=G=B=255)

3) After adjusting the text's color at your application, click "UV ink..." at
CX-330 printer driver
4) Check in the box of "Text"
5) Set RGB value same as the text's color that you adjusted at application.
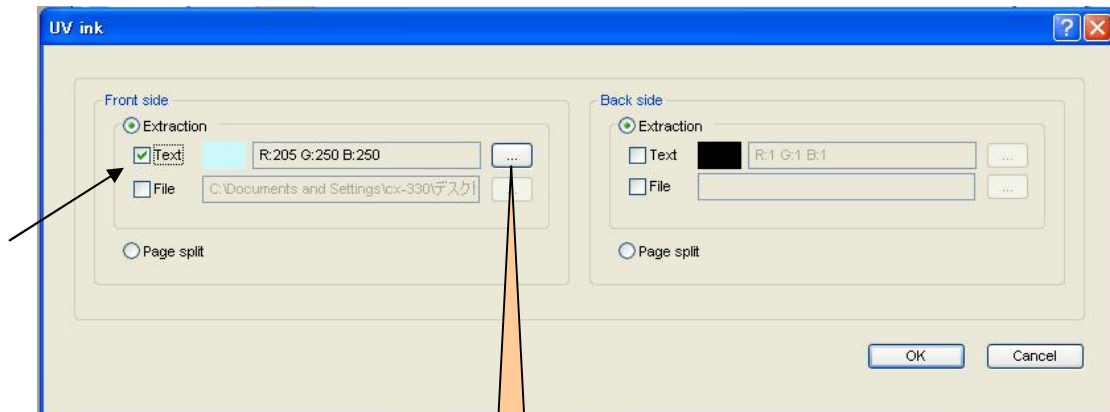
adjust manually

6) Go to print. The adjusted text only is printed by UV Ink.
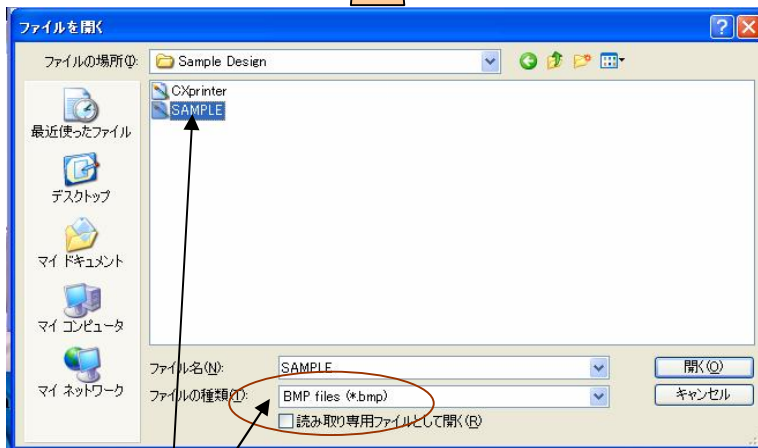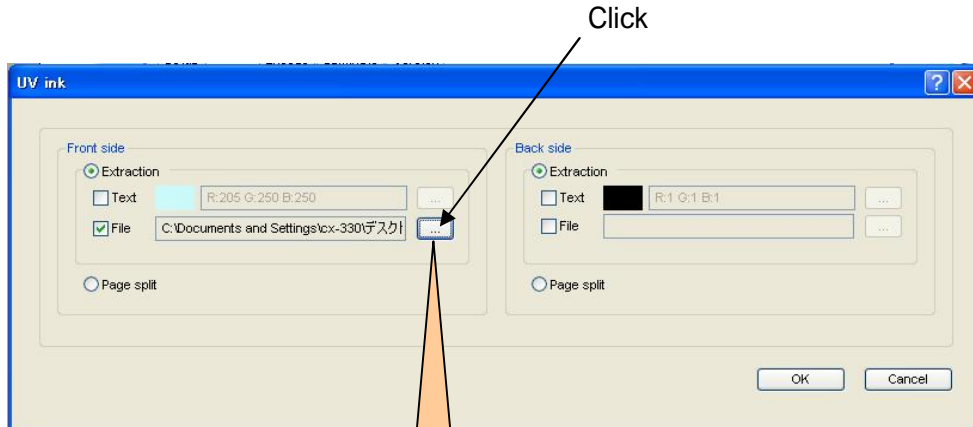
2. FILE UV Printing

When you print some image file by UV, the flie needs to be called by printer driver.
It is required to be "BMP (bitmap)", and made as per below spec.

<Bitmap spec for UV printing>
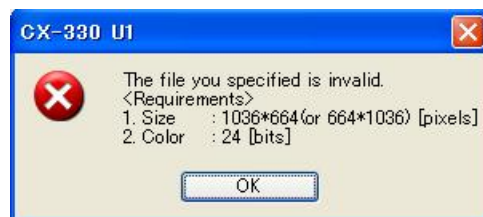size: 1036 x 664 (or 664 x 1036) [pixels]
color: 24 [bits]

1) Check in the box of "File" and click the right tab
2) Select the BMP file

Click

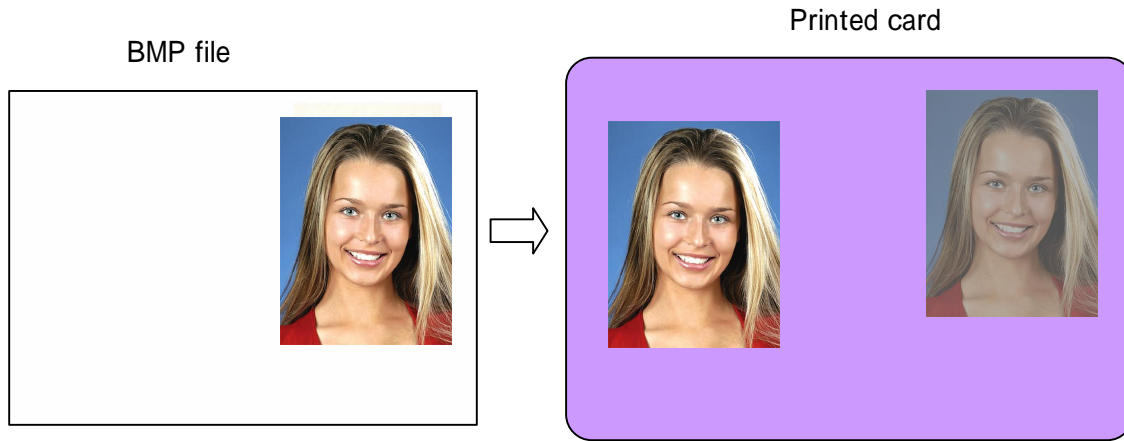
Select BMP file.

<CAUTION>
In case the selected BMP file does not meet the above spec, the below window appears.

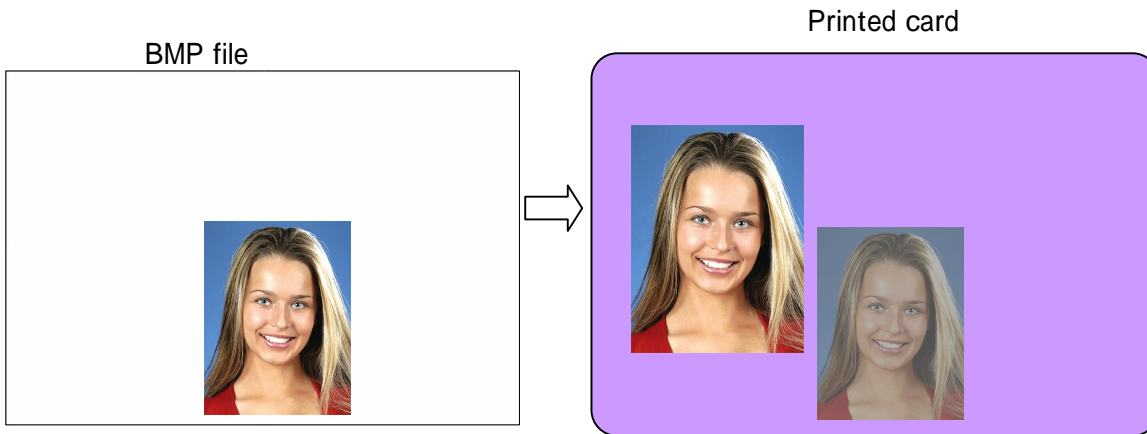The position of an image printed by UV depends on where the image is spot in the BMP.
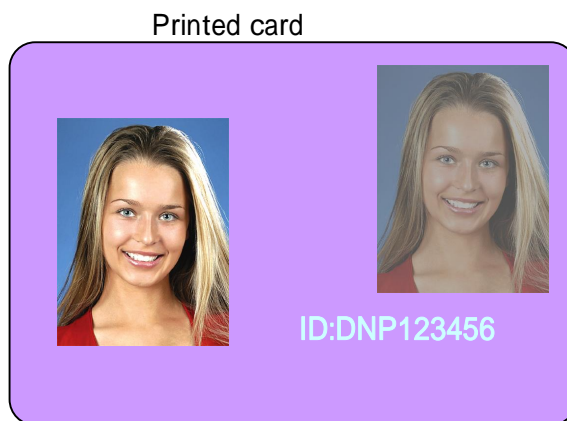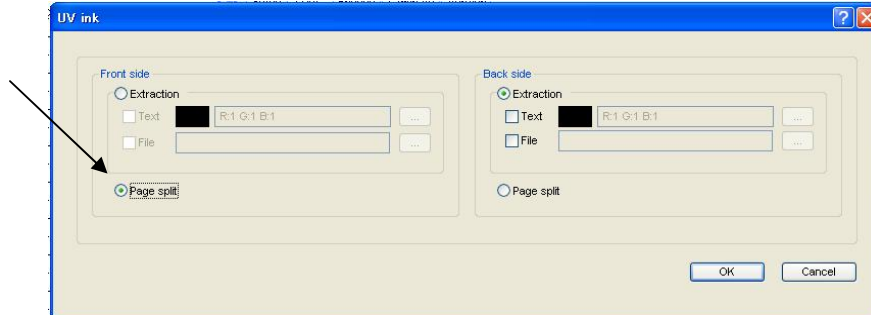
<Pattern 1>

BMP file

Printed card

<Pattern 2>

BMP file

Printed card

Both text and image can be printed by UV at one time.
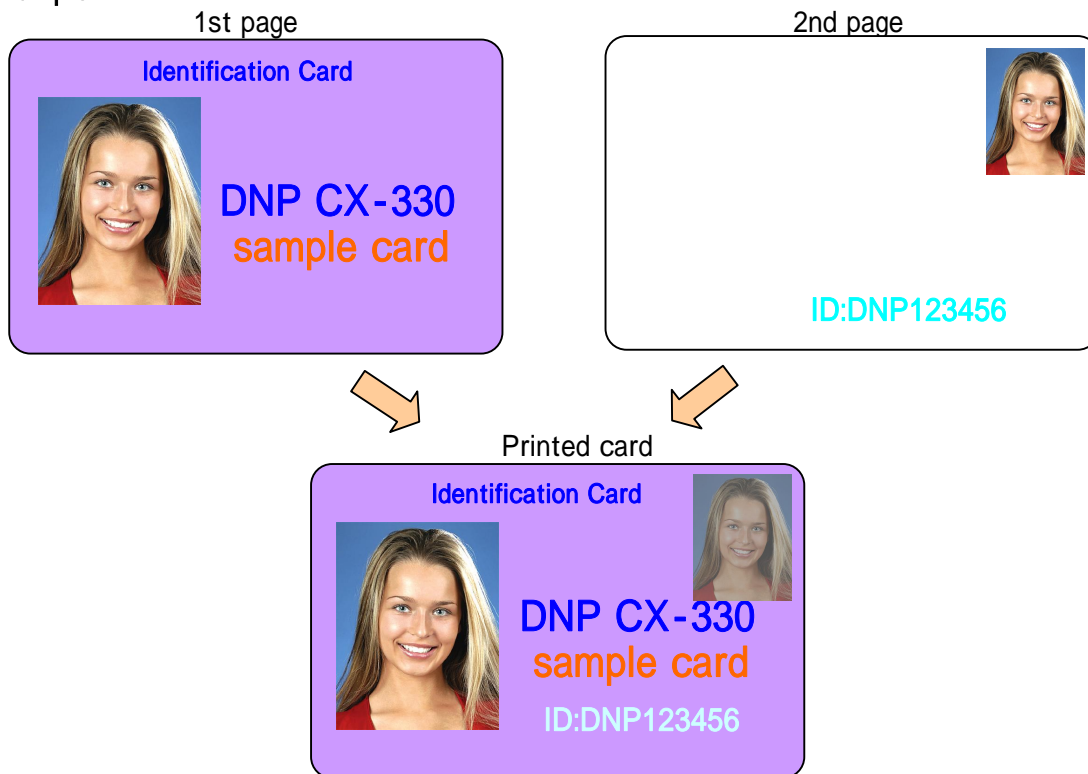
Printed card

ID:DNP123456

3. Page split

"Page split" is the other method for UV printing.
When you use the function, BMP file is not necessary, and all printing data
on the 2nd page at your application must be printed by UV Ink.
(1st page: printed by YMCK   2nd page: printed by UV)

<Example>

1st page

Identification Card

DNP CX-330
sample card

2nd page

ID:DNP123456

Printed card

Identification Card

DNP CX-330
sample card
ID:DNP123456

All printing data on the 2nd page is printed as UV image on the 1st printing data.
In case you use "Page split", the printing application must be able to manage the page.

MAC ADDRESS (Media Access Control address)

When UV printing is done, the MAC address is automatically printed by UV ink at the same time to make its security higher.
MAC address is is a quasi-unique identifier attached to most network adapters (NICs), which the specific number is given to the printer one by one. By checking MAC address, you can find which printer was used, and distinguish counterfeits.
*MAC address is necessarily printed, when you do UV printing.
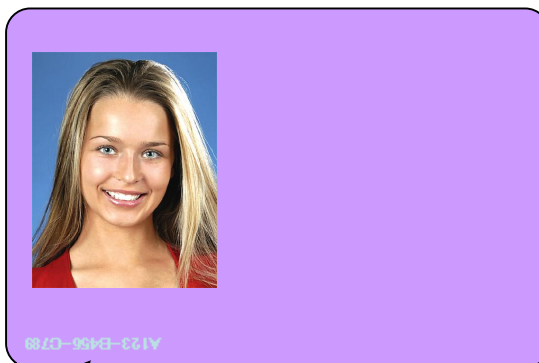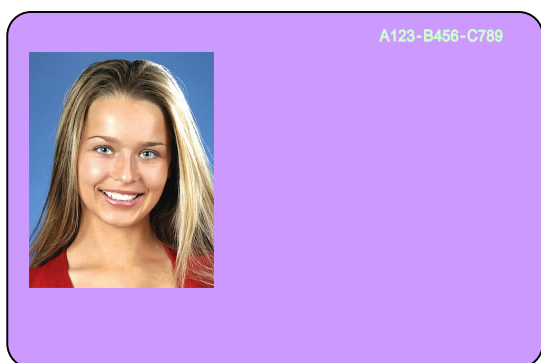
<Position>

MAC ADDRESS is printed at either UPPER RIGHT(A) or LEFT BELOW(B).
You can make a choice either.

A: UPPER RIGHT   B: LEFT BELOW

inverted at head and tail, right and left

MAC address Printing area

MAC Printing Pattern A	MAC Printing Pattern B
Right margin: 3.4 ~ 2.4mm Head margin: 1.7 ~ 0.4mm Height: around 1.5mm (18pixel)	Left margin: 3.4 ~ 2.4mm Tail margin: 1.7 ~ 0.7mm Height: around 1.5mm (18pixel)

*Font size is 6 pt.