

DNP

Digital Photo Printer
DS-ID400

PNG Export Tool
Setting Guide

This document describes how to use PNG Export Tool to convert image files into template files for use with the DS-ID400.

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About the PNG Export Tool

PNG Export Tool is a utility program used to convert PNG (Portable Network Graphics) format logo data created with commercial image creation software into a template file structure usable with the DS-ID400 printer.

Templates files converted using PNG Export Tool can be used with DS-ID400 printers on which firmware Ver. 1.00 or later is installed.

For the latest information on compatible printers, visit the following Web site.
<http://dnpphoto.net/support-e/>

Preparation

Operating Environment

The PNG Export Tool requires an IBM PC/AT-compatible personal computer with the following operating environment.

Operating system

- Microsoft Windows XP
- Microsoft Windows Vista
- Microsoft Windows 7

Display monitor (recommended)

At least XGA (1024 × 768 pixels) and 24-bit color

For the latest information on compatible printers, visit the following Web site.

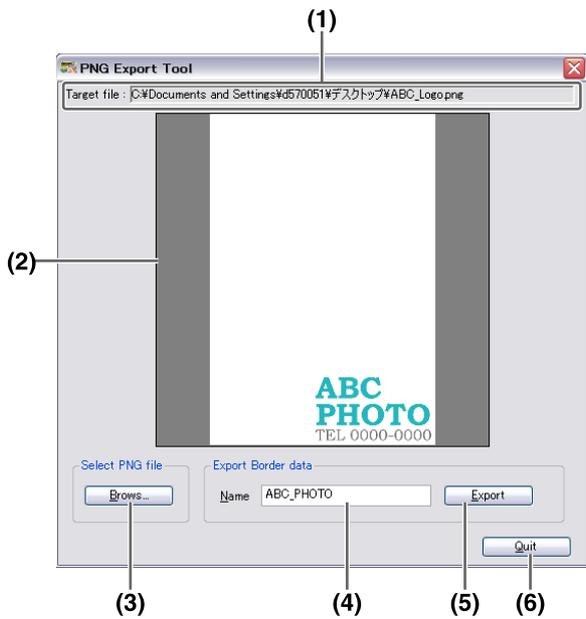
<http://dnpphoto.net/support-e/>

Installation

- 1 Double-click the msi file.
- 2 Read the information in the displayed dialog, and click the [Next] button as instructed.

The dialog will display a message indicating that installation has been completed.
- 3 Click the [Close] button to close the dialog.

Parts of the Screen



- (1) **[Target file] box**
Shows the full path name of the currently selected PNG file.
- (2) **Selected image box**
Displays the currently selected PNG file image.
- (3) **[Brows...] button**
Select the PNG file to be converted.
- (4) **[Name] Entry Box**
Enter a name for the template to be exported.
- (5) **[Export] button**
Saves the converted template file structure in the specified folder.
- (6) **[Quit] button**
Closes the PNG Export Tool.

Clicking the  icon at the top left displays the following menu.

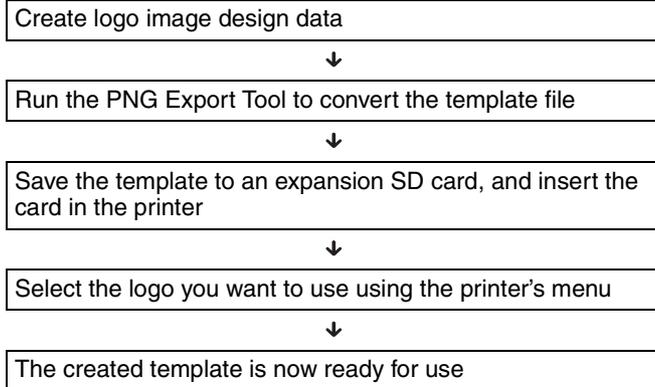


- (1) **[Move] menu item**
Allows repositioning the window.
- (2) **[Close] menu item**
Closes the PNG Export Tool.
- (3) **[About PNG Export Tool ...] menu item**
Displays PNG Export Tool version information.

Creating a Template

These procedures describe how to create a template file structure using the PNG Export Tool.

Before Using a Template



Creating Images

Create logo image design data as follows.
The size of images to be used for templates is determined by print size. Create image data with the following sizes.

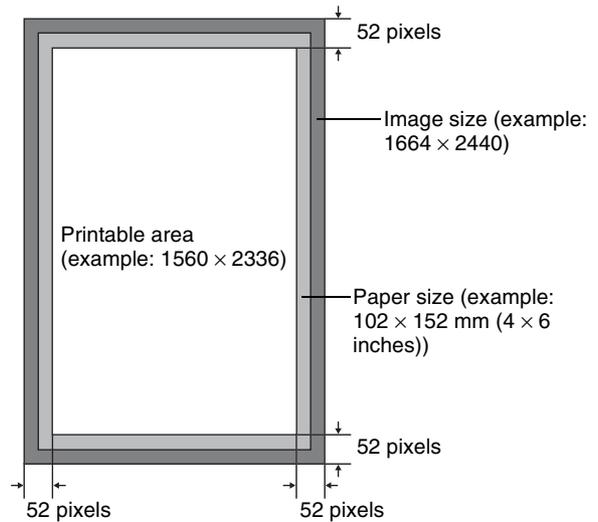
For the UPC-X34 series: 1512 (W) × 1112 (H) pixels
For the UPC-X46 series: 1664 (W) × 2440 (H) pixels

PNG Format

24-bit RGB + alpha channel (semi-transparent images are supported)

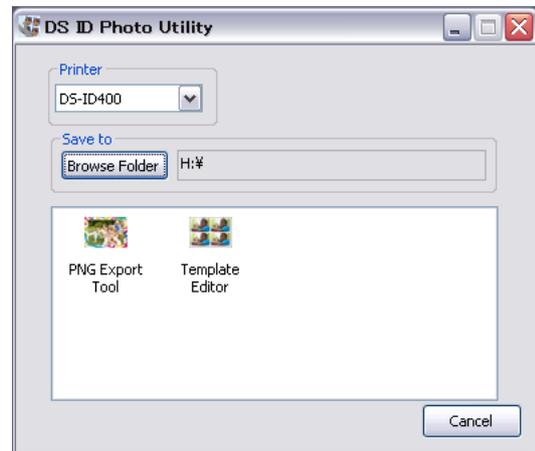
Note

Up to 52 pixels from the top, bottom, left and right edges of the above image sizes may not be printed, so avoid placing logos or text in these regions if you need them to print.
Use guidelines in your image creating software to confirm proper object placement.



Starting the PNG Export Tool

- 1 Double click (DSIDPhotoUtility.exe).
The [DS ID Photo Utility] screen appears.



- 2 Select the target printer from the [Printer] pull-down menu.
- 3 Click the [Browse Folder] button, and select the save destination.

The following folders are automatically created during file saving:

For the DS-ID400

<folder specified as output destination>
DNP\DSID400

If you want to make the template directly available for use, select the drive letter of the expansion SD card as the save destination.

Note

CD/DVD drives cannot be specified as the save destination.

- 4 Click the  (PNG Export Tool) icon.

The PNG Export Tool starts.

Closing the PNG Export Tool

Close the program by clicking the  button at the top right corner of the window, or by clicking the icon at the top left corner and then the [× Close] button in the menu that appears, or by clicking the [Quit] button.

Selecting the PNG File to Convert

Click the [Brows...] button to display the Open dialog box, and select the folder containing the PNG file to be converted.

Select the file to be converted from the displayed file list, and click [Open].

Memo

You can also select the file to convert by dragging and dropping it from Windows Explorer.

Note

The PNG Export Tool supports only the following PNG file image color depth and image sizes. See “*Creating Images*” on page 5 for details.

Saving a Template

Select the PNG file to be converted to template structure, and after entering the template’s name in the [Name] entry box (alphanumeric characters and symbols), click the [Export] button to save to the specified folder. The template file’s save destination should be specified according to the print size of the template.

Note

File names may not include invalid Windows file name characters (?, *, <, >, |, \ or :) or non-English Asian characters.

Also, the following text strings cannot be used for template names:

AUX, CON, NUL, PRN, CLOCK, COM0 to COM9, or LPT0 to LPT9

Note that file names are not case-sensitive.

Printing Logos Using the Template Files

Copying templates to expansion SD cards

If you saved the template to a drive other than the expansion SD card, copy the template to the expansion SD card before inserting it in the printer.

- 1 Create the following folder on the expansion SD card.

For the DS-ID400

DNP\DSID400\Template\none

- 2 Copy the folder of the size you want to use to the expansion SD card.

Printing logos on the printer

- 1 Insert the expansion SD card on which the template is saved in the SD card slot on the printer.

- 2 Select the template using the printer’s menu.

- 3 Shoot the photo and print it.

For details on printer operations, refer to the operating instructions for the printer.

Created Folders and Files

The PNG Export Tool creates the following folders and files on the save destination drive.

