



# Digital Photo Printer **DS-ID400**

## **Convert PNG To Frame Tool Setting Guide**

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

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# About the Convert PNG to Frame Tool

Convert PNG to Frame 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 Convert PNG to Frame 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/>

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# Preparation

## Operating Environment

The Convert PNG to Frame Tool Convert 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

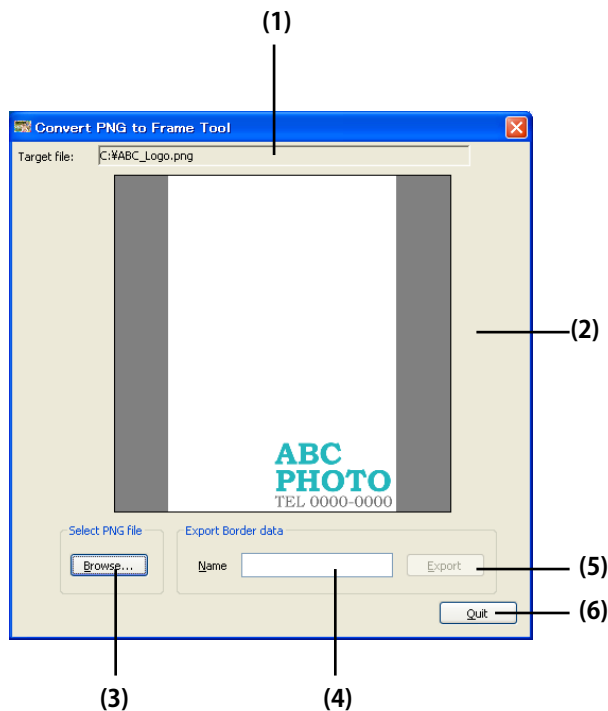
For the latest information on compatible printers, visit the following Web site.

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

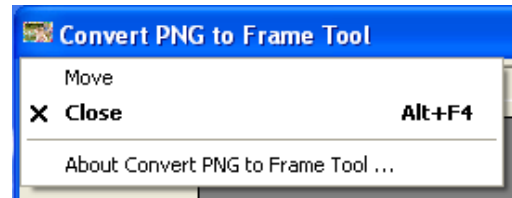
## Installation

- 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



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 Convert PNG to Frame Tool.
- (3) [About Convert PNG to Frame Tool ...] menu item**  
Displays Convert PNG to Frame Tool version information.

- (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 Convert PNG to Frame Tool.

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# Creating a Template

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

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## Before Using a Template

Create logo image design data



Run the Convert Convert Convert PNG to Frame Tool to convert the template file



Save the template to an expansion SD card, and insert the card in the printer



Select the logo you want to use using the printer's menu



The created template is now ready for use

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## 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

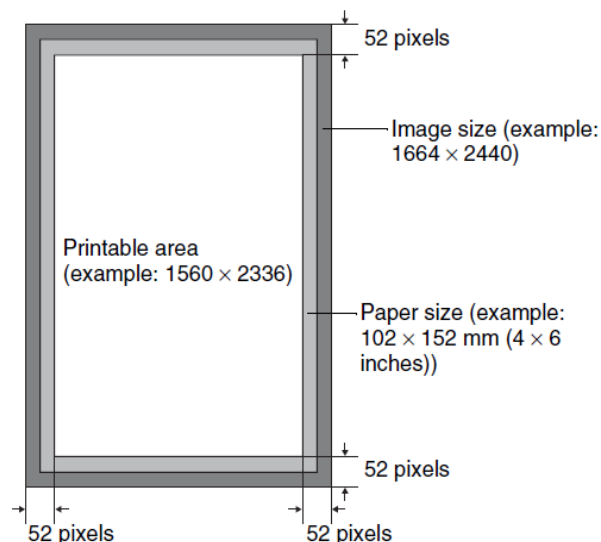
### PNG Format

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

#### Note

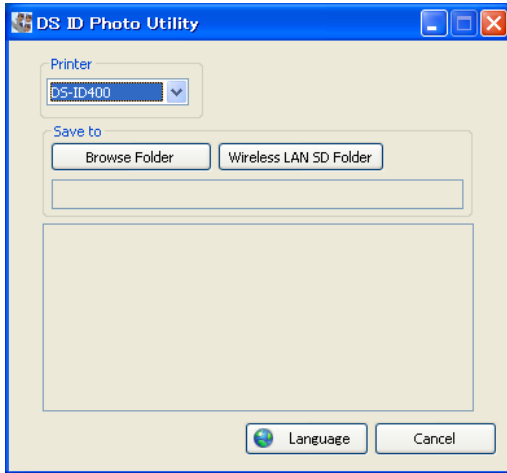
Up to 52 pixels from the top, bottom, left and right edges of the above image sizes may not be printed, so avoid placing logos or text in these regions if you need them to print.

Use guidelines in your image creating software to confirm proper object placement.



# Starting Convert PNG to Frame Tool

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



- 2 Select the model name of your printer from the [Printer] drop-down list.

A settings file for the printer selected here will be created.

- 3 Click the [Browse Folder] or [Wireless LAN SD Folder] button and select a target location (folder) for saving files.

[Wireless LAN SD Folder] button:

Searches out a drive where a wireless LAN SD card is inserted and specifies the wireless LAN SD card folder as a target location (folder) for saving files. When a file is saved, the following folder is automatically created in the wireless LAN SD card.

For the DS-ID400  
\\DNP\DSID400\ IDPhoto\none\<paper size>\

## Note

Remove the wireless LAN SD card from the printer and insert. The card removed from a camera cannot be specified as a target location (folder) for saving files.

[Browse Folder] button:

A dialog is displayed. Click a folder and select a target location (folder) for saving files. You can also specify an expansion SD card as the target location. When a file is saved, the following folder is automatically created.

## For the DS-ID400

<folder specified as storage location>\DNP\DSID400\ IDPhoto\none\<paper size>\

## Note

CD or DVD drives cannot be specified as a target location.

- 4 Click the  (Convert PNG to Frame) icon.  
This opens Convert PNG to Frame.

## To change language setting

- 1 Click the [Language] button.  
The [Option] screen appears.
- 2 Select the language name from the [Language] drop-down list.
- 3 Click the [OK] button.  
The language is applied after rebooting the utility software.

## Note

- The initial setting is English.
- The settings are saved to a file which you select on the [Setting file] box.
- The settings may not be removed when you uninstall the software depending on your computer or the place a setting file saved. Please remove the setting file before uninstall the software.

## To close Convert PNG to Frame Tool

Click the  button in the upper right corner of the screen, 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.

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## 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 Convert PNG to Frame Tool supports only the following PNG file image color depth and image sizes. See “Creating Images” on page 5 for details.

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## 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.

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## 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 Convert PNG to Frame Tool creates the following folders and files on the save destination drive.

