

# Photo Editing Software for SL620: User Manual v3.3

EXCLUSIVELY FOR DNP PRINTERS AND HID FARGODTC 1250E ONLY

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# **License Agreements, Terms & Conditions**

Please refer the original user manual of Snap Lab Plus v1.8 for the following items:

- DS-Tmini Software Licensing Agreement
- Ownership Retained By Licensor
- Disclaimer of Warranties
- Limitation of Liability
- Governing Law
- Terms & Conditions
- Acknowledgments
- ICC Profiles

# **New Features**

# **Panoramic Collage**

### Available for DS620 and DS820 printers.

With this new version of Photo Editing Software, there is a new Panoramic Collage product. The new panoramic collage prints anywhere from one to twenty images within one panoramic print.

1. Select Panoramic Collages.



2. Select your print size and print orientation.

	-	92 <b>5</b> .	
15x36 Panorama H	15x36 Panorama V	15x52 Panorama H	15x52 Panorama V
		<b>11</b>	
20x46 Panorama H	20x46 Panorama V	20x56 Panorama H	20x56 Panorama V
	<b>45</b> .		-
20x67 Panorama H	20x67 Panorama V	20x82 Panorama H	20x82 Panorama V
	🗲 back	🗙 cancel	

3. Select the print finish.



4. When prompted, load your images.



5. Select the images you want to include on your panoramic collage. You can select anywhere between one (1) and twenty (20) images.



Select your **background**. Select the **Use your photos** button to add a loaded photo as the background image.
If a theme is chosen, then the background is automatically selected for you.

You can also change the background image on the final preview screen by selecting the **Background** option.



7. From the preview screen, review your product.



8. Click the Shuffle button to shuffle your images around within the collage.



- 9. From this screen, you can also add text, clipart, change the background, enlarge, and center images.
- 10. Select Next and then Finish when you are done.

# **Collage Product**

#### NOTE:

With this version of Photo Editing Software, the Collages product will accept up to 20 images instead of previous maximum of 8 images. The collage product workflow is same as previous software version.

### 2 inch cut

The 2 inch cut has been added to the available print sizes. This cut size is available for prints product and for Hot Folder Print service.

### Prints

New print format 5x15 (cm) or 2x6 (inch) is available. Workflow is same as other print products.



#### **Hot Folder**

If a suitable printer is connected, like the DS620 printer, a folder 5x15 (cm) or 2x6 (inch) will be added to the previously available hot folders under the folder "C:\DS-Tmini\_DNP Hot Folder".

Please note that printer will always print a 10x15 sheet so it is possible to print only even number of 5x15 prints. In case of even number of images, all images will be printed. In case of odd number of images, one image will be duplicated to get an even number of total images.

Ce	PC → OS (C:) → DS-Tmini_DNP Hot	Folder		
	Nom	Modifié le	Туре	Taille
	퉬 5x15	20/06/2017 14:12	Dossier de fichiers	
écer	퉬 10x10	20/06/2017 14:12	Dossier de fichiers	
5	퉬 10x15	20/06/2017 14:12	Dossier de fichiers	
iles	퉬 10x15_2IN	20/06/2017 14:12	Dossier de fichiers	
	鷆 11x15	20/06/2017 14:12	Dossier de fichiers	
	🍌 15x15	20/06/2017 14:12	Dossier de fichiers	
	퉬 15x20	20/06/2017 14:12	Dossier de fichiers	
	퉬 15x20_2IN	20/06/2017 14:12	Dossier de fichiers	
	퉬 15x23	20/06/2017 14:12	Dossier de fichiers	
	🌗 15x36 Panorama	20/06/2017 14:12	Dossier de fichiers	
	🌗 15x52 Panorama	20/06/2017 14:12	Dossier de fichiers	
	\mu Archive	20/06/2017 14:12	Dossier de fichiers	

### **Password for Settings**

There is the possibility to set a password to enter the settings. There are two types of users: "administrator" and "operator".

Administrator has access to all settings.

Operator will be able to access Diagnostics and switch off or rebooth the system.

Based on settings, the operator may access the orders and / or the prices.

- 1. To set Administrator and operator passwords, enter into Main Panel by touching in sequence the lower left and right corners of the monitor.
- 2. Enter Settings and select Passwords.

General		Products
initial parameters	network	printer parameters
mode	passwords	photo cards parameters
screen saver	automatic shutdown	products
language	import data	prices
photo sources	export data	themes
image editing	receipt	frames
end user information		biometric passport
process confirmation		
hot folders		

3. Select Administrator Password and enter the password. To confirm the password, enter again the administrator password by selecting **Confirm Administrator Password**.

	Configuration	-
	Passwords	rodu
	Administrator password	printe
	Confirm administrator password	photo produ
	<pre>cputter changed &gt;</pre>	prices
4	Confirm operator password	them
	Operator can setup product prices	frame
on	No	biom
on	Operator can manage orders	
	OK Cancel	
	back 🕑 in servi	се

4. If needed, it is possible to set the operator password. Select **Operator Password**, enter the password, confirm it by selecting **Confirm Operator Password**, and entering operator password again.



5. By entering into settings, the user will have to type a password to get access.



6. In case of entering with operator password, a reduced number of settings will be available.



7. If the operator has access also to prices and orders, two more options will be available.



### GS1 DataMatrix Code

In receipt settings there is one new 2d code available: **GS1 DataMatrix**.

On the receipt, it is possible to print a GS1 DataMatrix 2d code at bottom of the ticket. This will allow automatic reading of order details. Information is written in GS1 DataMatrix format. If you are not sure of GS1 DataMatrix, please use QR code. The setup is similar to QR code setup.



1. To enable GS1 code printing on receipt ticket, enter Control Panel, select Settings and then Receipt.

General	System	Products
initial parameters	network	printer parameters
mode	automatic shutdown	products
screen saver	import data	prices
language	export data	themes
photo sources	receipt	frames
image editing	printogo	biometric passport
end user informations		
process confirmation		
hot folders		

- 2. It will open the receipt settings. Scroll down to the **Print GS1 DataMatrix** and set to **YES**.
- 3. If needed, you can enter a 2 digit code to be used as the Internal Company Code in the GS1 DataMatrix printed code.

	receipt	
	Title DS-Tmini	
ar	Line 1	ne
	Line 2	ра
VE	Footer	-
ur	Print barcodes	
iti	Yes Print QR code	
in	No	ss
or	Print GS1 DataMatrix Yes	
rs	GS1 DataMatrix Internal Company Codes (91)	$\overline{\mathbf{U}}$

4. Select **OK**, go back to settings, and select **Products**.

General	System	Products
initial parameters	network	printer parameters
mode	passwords	photo cards parameters
screen saver	automatic shutdown	products
language	import data	prices
photo sources	export data	themes
image editing	receipt	frames
end user information		biometric passport
process confirmation		
hot folders		

5. For each product to be tracked with GS1 DataMatrix code, select one product and then select Edit.

	🕂 nev 🖉 edit	
International passport photo Passport photo Photobook Photos Cards / Print Photos Cards / Print with frame Photos Cards / Theme Photo Card Print	5x15 9x13 10x10 10x10 Double Sided 10x15 10x15 Double Sided	
Print with frame Single sided photo card	10x15_2IN 10x20	•

6. Select **GS1 DataMatrix Additional Product Identification** and enter the GS1 DataMatrix code for that product.

		Confinuation	
	Products		
	International passport photo	Product	
	Passport photo	Visible Yes	
		Paper type Icon	
	Photos Cards / Print	Manual choice	
	Photos Cards / Print with frame	Barcode type Ean code	
	Photos Cards / Theme Photo Card	GS1 D taMatrix Additional Product Identification (240)	
	Print		
	Print with frame		
	Single sided photo card		$( \mathbf{A} ) $
			Close
_ '		back 🕑 in service	

### Software Update from USB

In addition to the online check for updates, there is new function: **Check for Updates on USB**. This new function is convenient in case of off-line units.

System	Software	Tests
orders in process	check for updates	receipt printer test
export logs	check for updates on usb	test printer card
printer status	update license	test barcode
update firmware	manage biometric license	
install card printer driver	software terms & conditions	
system informations	about	
teamviewer		

- 1. Update file name must be downloaded from the DNP website and has to keep the same file's name.
- 2. After copy the update file to USB memory, connect to the terminal, please touch **check for updates on usb** and software will search for updater file.
- 3. It is preferable the software update file will be the only file on the USB memory.

### **Receipt Printer Test**

- 1. To access receipt printer test, enter Control Panel select Diagnostics.
- 2. Select receipt printer test.

System	Software	lests
orders in process	check for updates	receipt printer test
export logs	check for updates on usb	test printer card
printer status	update license	test barcode
update firmware	manage biometric license	
install card printer driver	software terms & conditions	
system informations	about	
teamviewer		

3. If there is one receipt printer set and connected, a test receipt will be printed.

4. If there are two printers set and connected, a pop-up window will enable selection of printer to be tested.



# **Card Printer Test**

- 1. To access card printer test, enter Control panel select Diagnostics.
- 2. Select test printer card.

System	Software	Tests
orders in process	check for updates	receipt printer test
export logs	check for updates on usb	test printer card
printer status	update license	test barcode
update firmware	manage biometric license	
install card printer driver	software terms & conditions	
system informations	about	
teamviewer		
G		

- 3. If there is card printer installed, connected and powered on, a test card will be printed.
- 4. It is possible to select single side print test and dual side print test.

-1	Test single si	ded	
	Test double		
ver	OK	Cancel	าร

### HDD available space

- 1. To access check for hard disk drive available space, enter Control panel select **Diagnostics**.
- 2. Select system information.

System	Software	Tests
orders in process	check for updates	receipt printer test
export logs	check for updates on usb	test printer card
printer status	update license	test barcode
update firmware	manage biometric license	
install card printer driver	software terms & conditions	
system informations	about	
teamviewer		

3. It will open a pop-up window with information of total and available space for data on system disk.

### **Delete Orders after Printing**

- 1. To access setting for order removal after printing, enter Control panel select Settings.
- 2. Select initial parameters.

Gaporal	System	Products
initial parameters	network	printer parameters
mode	passwords	photo cards parameters
screen saver	automatic shutdown	products
language	import data	prices
photo sources	export data	themes
image editing	receipt	frames
end user information		biometric passport
process confirmation		
hot folders		

3. It will open a new window, select Delete all orders after print.

	Initial parameters			
ier	Run mode Manual	Show cursor Yes		
ial de	Card reader model Atech EX-S3	Product price visualization mode Default		S
eer	Number of days before order elimination	10		nete
gua	Delete all orders after print	No		
oto age	Number of days before Internet orders elimi	ination 10		-
d u	Cancel the order after this time	3 minutes		t
ce:	Ask for fit or fill NO	Display warning when the photos are filled No		
-10	System of units	Centimeters		
		ОК Са	ncel	

# **Card Print**

With this new version of Photo Editing Software, there is new "Photo Card" product. This is to print a personalized plastic card selecting from various themes or by loading your own graphics.

Card Print is available only if a <u>HID Fargo DTC1250e</u> is connected and powered. Please refer to the user guide for the set-up of this Card printer.

# **Photo Card Print Workflow**

1. Select Photo Cards.



2. Select Photo Cards to print from your own graphics, Frames Photos Cards or Themes Photo Cards to print from supplied templates. In this example, the workflow for Photo Cards and then the workflow for Theme Photo Cards.



3. Select if single side printing or dual side printing. In this example dual side printing.



4. Load 2 images.



5. Edit images.



6. Select next and finish the order as for prints product.

Product	Quantity
	1
	🕀 add products
🗲 back 🗴 ca	inc il 🏵 next

# **Frames Photo Cards Print Workflow**

1. Select Frames Photo Cards.



2. Select the type of Photo Card to be printed Single side or Double side.



3. Select media where images are located, as an example a USB device with images. Load two images.



4. Select a graphic.



5. Selecting **next** will bring to final preview screen. It is possible to edit each side of the card.



6. Select **next** and **finish** the order as for prints product.

# **Themes Photo Cards Print Workflow**

1. Select Themes Photo Cards.



2. Select the **type of Photo Card** to be printed, Horizontal or Vertical, Single side or Double side. Horizontal double side in this example



3. Select graphic category.



4. Select media where images are located, as an example a USB device with images.



5. Select theme category. Birthday in this example.

Constant Constant New York Constant Con			
Baby	Birthday	Funeral	Invitation
Love	Thank You	Vacation	Wedding
	e back	× cancel	

6. Select **theme**. Birthday with image in this example.



7. Select two images, one for front side and one for back side.



8. Enter data in the card fields on the left side. After each entry the card preview will be updated.

Нарру	¥	Hanny 18
		D. HI
Birthday		Bouraay 6
First name		Anne
Anne		
18		lana Evo O Parc d'Affa
		BREZILION SA O
15	change	Parts Read Datases
	🗲 back 🗙 cano	cel 🕘 next

9. By scrolling the list on the left side it is possible to visualize all fields and to edit or change the loaded images.



10. Selecting **next** will bring to final preview screen. It is possible to add free position text and clipart.



11. Select **next** and **finish** the order as for prints product.

# **Card Printer Setup**

Photo card product is possible only when a <u>HID Fargo DTC1250e</u> card printer is connected and installed to the system.

### Please contact you DNP reseller to purchase this Card printer model.

Procedure to install HID Fargo DTC1250e printer driver:

- 1. Enter into Main Panel by touching in sequence the **lower left and right corners** of the monitor.
- 2. Select Diagnostics.

SnapLab+ 1.1.18.5 Main Panel						
Settings	Pictures	Stats	Diagnostics			
Computer reboot	Computer shutdown	Ouit application	In service			
	in in	service				

- 3. Power On the Card printer and connect the USB cable. Select install card printer driver.
- 4. When the message on the screen will disappear, the Card printer will be installed.

orders in process   check for updates   receipt printer test     export logs   check for updates on usb   test printer card     printer status   update license   test barcode     update firmware   manage biometric license   test barcode     system informations   about   test barcode	System	Software	lests
export logscheck for updates on usbtest printer cardprinter statusupdate licensetest barcodeupdate firmwaremanage biometric licensetest barcodeinstall card printer driversoftware terms & conditionstest barcodesystem informationsabouttest barcode	orders in process	check for updates	receipt printer test
printer status   update license   test barcode     update firmware   manage biometric license   test barcode     install card printer driver   software terms & conditions   test barcode     system informations   about   test barcode	export logs	check for updates on usb	test printer card
update firmware manage biometric license   install card printer driver software terms & conditions   system informations about	printer status	update license	test barcode
install card printer driver software terms & conditions system informations about	update firmware	manage biometric license	
system informations about	install card printer driver	software terms & conditions	
toomulowor	system informations	about	
	teamviewer		

#### ATTENTION:

DO NOT MAKE ANY CHANGES OF CARD PRINTER DTC 1250E DRIVER PROPERTIES. IF YOU MOVE AND DISCONNECT YOUR SYSTEM DO NOT CHANGE THE USB PORT YOU INSTALLED YOUR PHOTO CARD PRINTER

### **Adding Frame Graphics to Photo Card Product**

Photo Editing Software is delivered with a number of frames already installed. Please use this option to add frames to the default frames. Frames used for cards are separate from Frames used for other print products. Frames (for Frames Photo Cards product) allows user to enhance pictures with graphic elements like borders, logos, etc. The file with a frame must be:

- .png with transparent area where the photo will be printed.
- Same size ratio as card format (86:54)
- Transparent area may have shade.
- PNG images stored in the computer.
- 1. Click on frames.

	network	printer parameters
	passwords	photo caro's parameters
	automatic shutdown	products
	import data	prices
	export data	themes
	receipt	frames
ion		biometric passport

2. Select Photo Cards tab.

		Configur	ation	
	General	System	Products	
Frames	hata Carda	1		
Frames				
		ort files (@) import	from folder 🔟 dele	te
				a 👸 a
				Close
<u></u>		~ ~		
		🗲 back 🕟		

3. Click on import files.



- 4. It will open system file browser to select the file(s) to be used as graphics for Frames Photo Cards.
- 5. Click **open** to import the file(s), click on **close** to close frames import window, close the program and restart the software.
- 6. New Frames are now available if you select Frames Photo Cards Product.

# **Adding Theme Graphics to Photo Card Product**

In addition to the graphics available with this software update, it is possible to import personalized graphics to be used within Photo Card product. The Photo Card graphics will be stored separate from graphics for other products. The file with graphics for Photo Cards must be a PhotoShop PSD file with layers and text arranged as described on next paragraph of this manual. Please refer to "PSD File Structure for Photo Card Product" on page 31 for more information. The file name will be used as name for the graphic.

Example of adding a graphic "Baby - Boy" into the category "Events", subcategory "Baby"

- 1. Enter into Main Panel by touching in sequence the **lower left and right corners** of the monitor.
- 2. Select Settings.



3. Select Themes.

General	System	Products
initial parameters	network	printer parameters
mode	passwords	photo cards parameters
screen saver	automatic shutdown	products
language	import data	prices
photo sources	export data	themes
image editing	receipt	frames
end user information		biometric passport
process confirmation		
hot folders		

4. Select the **Photo Cards** tab.

Themes
Default theme: Photo Cards
🕞 new category 🕂 new 🖉 edit 面 delete 🕟 new page 🏠 up 🕔 down
🕲 cut 🕲 paste 🕲 imports
Business-Professionel
Events-Evenements School
▷ Sports
Close
back Din service

5. Expand the Events category by double clicking on it; double click on the subcategory you want.

Themes
Default themes Photo Cards
河 new category 🕂 new 🖉 edit ៣ delete 🕟 new page 🏠 up 🔱 down
🕲 cut 💿 paste 🕲 imports
▶ Business-Professionel
✓ Events-Evenements
▶ Baby
▶ Birthday
▶ Funeral
▶ Invitation
l ▷ Love
N Threads Very
Close

6. Expand the subcategory and click **New**.

Themes	
Default themes Photo Cards	
🕞 new category 🔁 new 🕜 edit 🇃 delete 🕟 new page 🏠 up 🔱	) down
🕲 cut 🕲 paste 😨 imports	
▶ Business-Professionel	
✓ Events-Evenements	
Baby	
baby-1-H-girl.psd	
baby-1-V-boy.psd	
baby-1-V-girl.psd	
babyshower-H.psd	
	Close

7. It will open a new window, select Graphic.

oto Cards	
⊕new (	IDPhotoCardGraphic
👏 impor	Graphic
	Visible Yes
	lcon
	OK Cancel

8. It will open file explorer window, browse for the PSD file and open it. The preview of the graphic will be visible in the Graphic area.

Themes	
Default themes Photo Cards	
问 new category 🕂 new	IDPhotoCardGraphic hew page 🕥 up 🕔 down
🙆 cut 🏟 paste 🏟 impo	t the a day!
Business-Professionel	Thank Williams
Events-Evenements	Visible
⊿ Baby	Yes
baby-1-H-giri.psd	
baby-1-V-boy.psd	
baby-1-V-girl.psd	OK Cancel
babyshower-H.psd	
	Close

9. Click **OK**, close all windows, and restart the software. The new graphic will be added to the category.

# Adding Graphic for Logo for Photo Card Product

- 1. Enter into Main Panel by touching in sequence the lower left and right corners of the monitor.
- 2. Select Settings.



3. Select photo cards parameters.

General	System	Products
initial parameters	network	printer parameters
mode	passwords	photo cards parameters
screen saver	automatic shutdown	products
language	import data	prices
photo sources	export data	themes
image editing	receipt	frames
end user information		biometric passport
process confirmation		
hot folders		

4. Click on **Default logo** and browse for the image logo.

	Configurat	ion
screen saver	Photo cards para	motors lucts
language	Prioto carus para	S S
photo sources		nes
image editing	ОК	Cancel
end user informatio		orometric passport
	🗲 back 🕟 in	

5. A preview of the logo will be visible into Photo cards parameters window

mode	Photo cards pa	rameters	to cards parameters
screen saver	Default logo		iucts
language			es
photo sources		ogo	nes
image editing		0	ies
end user informatio	ОК	Cancel	netric passport
process confirmatio			

6. With this settings, when preparing a card with a logo area, the preset logo will be displayed. It will be possible to change the logo during the preview.



### **PSD File Structure for Photo Card Product**

### Layout and Naming Convenstions

Build your Photoshop Design File with the following layers, in the order provided, using the names provided.

Usertext\_Name OPTIONAL – You can have multiple Usertext layers in your card design. Each Usertext layer allows customers to add their own text. Fill the Usertext field with name of the field. Usertext layers cannot extend into the trim line area. Use the filed name in the layer Name after "Usertext\_". As an example the layer named Usertext\_Company Name will show the text "Company Name" as a place holder into the graphic preview.

Place holder text will not be printed.

If you create multiple Usertext layers, make sure all names are different.

2. **Overlay** REQUIRED – You can have only one Overlay layer in your card design. The Overlay layer is the artwork layer. Place your design into the Overlay layer. The photo opening in your Overlay layer must be transparent. If the design you import contains multiple layers, you must merge those layers into the single Overlay layer. The Overlay layer must bleed into the trim line area.

- 3. **Userphoto10** OPTIONAL You can have only one Userphoto layer in your design. The Userphoto layer allows customers to supply a photo. The Photo Editing software resizes the photo to fit the dimensions you set in the Userphoto layer. Fill the Userphoto field with 60% solid grey. The layer must use the name Userphoto10.
- 4. **Background** REQUIRED You create an initial Background layer when you create the new file in Photoshop. The Background layer must be white. If you want to provide color in your design, provide it within the Overlay layer.
- 5. Specialphoto\_Logo OPTIONAL You can have one Logo layer in your design. If the Specialphoto\_Logo layer is present, the default logo image will be used for the card. It will be possible to select or change the logo into card preview page. Fill the Specialphoto\_Logo field with 60% solid grey.

# Troubleshooting

### **DNP PIE Support team contact details**

For any technical issue(s) and/or question(s), please contact DNP support team at:

# support@dnp.imgcomm.com

### Local immediate print product is no longer available

If you are using DNP printers, the software automatically hides the products, which cannot be processed. Make sure the printer is powered on, with available media, connected to the system and ready to print.